LOS ESTEROS CRITICAL ENERGY FACILITY, LLC

717 TEXAS AVENUE
SUITE 1000
HOUSTON, TX 77002

September 10, 2012

Christine Stora
California Energy Commission
1516 Ninth Street (MS-2000)
Sacramento, CA 95814

Subject: Los Esteros Critical Energy Facility, Phase 2
03-AFC-2C
Monthly Compliance Report # 15 for August 2012

Dear Ms. Stora:

In accordance with Condition of Certification COM-6, as set forth in the California Energy Commission's Final Decision for the Los Esteros Critical Energy Facility, Phase 2 (LECEF2), enclosed for your information is Monthly Compliance Report #15 for August 2012 (including TRANS-2, heavy haul permits (#s 1&2), and CUL-5, Appendix-A, CRS Daily Monitoring Logs, Confidential.

If you have any questions regarding this information, please contact me at (281) 814-8316.

Sincerely,

Rodney E. Jones

EHS Compliance Manager

LOS ESTEROS CRITICAL ENERGY FACILITY, PHASE 2 (03-AFC-2C)

Monthly Compliance Report #15

LOS ESTEROS CRITICAL ENERGY FACILITY, LLC

August 2012

For

California Energy Commission

Los Esteros Critical Energy Facility, Phase 2
(03-AFC-2C)
Monthly Compliance Report #15

1. LECEF Project Construction Status

Construction continued during the monthly reporting compliance period focusing primarily on the generator step-up transformer (GSU), steam turbine generator (STG) foundation, heat recovery steam generators (HRSG), and switchyard; key components of the Los Esteros Critical Energy Facility's infrastructure. There were no significant delays or changes to the project schedule. The project is still slated to be completed by June 2013. The project is approximately 47 % complete (cumulative through August 31, 2012) and construction is at 31%.

Work continues to proceed with engineering, procurement, permitting and compliance (i.e., environmental monitors) as well as scheduling and construction planning. In addition, submittals to the Chief Building Official (CBO) continue as the site undergoes transformation. Harder Mechanical continues work on the new HRSG duct sections and installing pipe rack foundation.

Listed below are the major events that have occurred during the monthly compliance reporting period:

- Civil subcontractor completed forming and installing rebar at STG foundation curb
- Sample panel building was set on its foundation
- Civil subcontractor placing concrete at curbs around STG foundation perimeter
- HRSG erection contractor hanging SSH vent piping at HRSG-2
- Balance of plant (BOP) piping subcontractor set crane mats at south of STG pedestal prior to crane arrival
- Form/rebar switchyard foundations
- Excavation of circuit 2
- Installed duct-bank for circuit 2
- Prep for HRSG 3 for hydro testing
- Cooling tower wire tray installation
- Elevator installed on HRSG 3
- Set plates and form for gout
- Formed on PFW pipe rack
- BOP piping subcontractor placing grout on plates at STG pedestal for setting fixators
- HRSG erection contractor installing stair towers and platforms at unit 1
- HRSG erection contractor installing stack damper at HRSG 3
- Electrical outage by electricians
- IP/LP turbine section set on sole plates
- Formed fuel gas filter/separator and CW pipe support foundation at condenser
- Prefab 2" SW for warehouse
- Night crew begins fitting and welding BOP piping on 8/20/12
- High pressure section of steam turbine delivered on 8/20/12
- New Ammonia Storage Tank was repaired and returned to site on 8/27/12
- CEMS buildings are returned and set on 8/28/12
- Lube oil console and shims staged for installation

Work in Progress:

- HRSG erection contractor continued installing insulation & liner plates inside all units

- HRSG erection contractor pipe fitters continued pre-assembling pipe spools and pipe supports in fab area along with installing large bore pipe spools at all HRSGs. Also resumed installing both large steam and utility pipe in pipe racks
- HRSG subcontractor continued installing seismic retrofit for SCR duct section at all four units and welding column base plates at unit-1
- HRSG erection contractor continued pre-fabricating field run small bore piping for all HRSG's in fab area and continued erecting small bore piping at units 3 & 2
- HRSG erection contractor continued to prep foundation and forming around HRSGs
- Forms and rebar for foundations in switchyard continue
- Insulation, liner panels, and duct burner work continued inside all units
- BOP spools continued to be fit and assembled at laydowns and in rack (day & night)
- Steam turbine adjustments and various preparation continued on STG pedestal
- Weld repairs continue to structural steel
- Switchyard work continued
- LECEF continued reviewing submittals from LECEF Equipment vendors and CH2MHILL

2. Table of Required Monthly Compliance Report Documents

COM-6	N/A, requirement met	AQ-2	N/A, first fire
GEN-2	A copy of the most recent schedule is attached	AQ-3	N/A, first fire
GEN-3	Email from CBO confirming receipt of payment is attached	AQ-4	N/A, first fire
GEN-5	A copy of the most recent information is attached	AQ-6	N/A, first fire
GEN-6	A copy of the most recent information is attached	AQ-9	N/A, first fire
GEN-7	None this month	AQ-10	N/A, first fire
GEN-8	N/A. Applicable work not completed for the reporting period	WS-4	A copy of the most recent information is attached
CIVIL-1	None this month	BIO-2	A copy of the Designated Biologist's summary report is attached
CIVIL-3	A copy of the NCR log is attached	BIO-4	The number of WEAP participants is provided including cumulative totals
CIVIL-4	N/A. Applicable work not complete for the reporting period	BIO-20	None this month
STRUC-1	A copy of the most recent information is attached	BIO-21	No additional information required
STRUC-3	N/A. Applicable work not completed for the reporting period	CUL-2	A copy of the anticipated project activity is attached
STRUC-4	N/A. Applicable work not completed for the reporting period	CUL-4	A copy of the acknowledgment forms for the reporting period
MECH-1	A copy of the most recent information is attached	CUL-5	A copy of the CRS Monitor's report is attached
MECH-2	N/A. Applicable work not completed for the reporting period	PAL-3	N/A, requirement met
ELEC-1	A copy of the most recent information is attached	PAL-4	A copy of the PRS Monitor's report is attached

TSE-1	A copy of the most recent information is attached	WASTE-5	N/A. A copy of the USEPA, Region 9 RCRA ID was submitted in previous MCR
TSE-4	A copy of the most recent information is attached	SOCIO-1	A copy of the activities report is attached
TSE-5	A copy of the most recent information is attached	TRANS-1	None this month
AQ-SC3	Discussion of the dust monitoring process is attached	TRANS-2	A copy of the permits is being submitted as a separate attachment
AQ-SC5	Information is provided for this COC, as attached	TRANS-3	None this month
AQ-1	N/A, first fire	TRANS-4	Information is provided for this COC, as attached

3. Compliance Matrix
   A copy of the construction compliance matrix is attached.

4. Conditions Satisfied During The Reporting Period
   The conditions satisfied during the reporting period include:
   - TLSN-2, EMF Studies Measurement Locations
   - AQ-5, LECEF Air Quality Commissioning Plan

5. Submitted Deadline Not Met
   There are no past due compliance submittals.

6. Approved Condition of Certification Changes

   - LECEF, Phase 2 Title V Permit (Final Major Facility Review Permit) from Bay Area Air Quality Management District, issued on June 6, 2012, and submitted to the CPM on June 20, 2012.

   - A change to verification language of TSE-3, TSE-4, GEN-2, GEN-5, GEN-7, CIV-2, and STRUC-2 were submitted to the CPM on April 9, 2012, and approved by staff on April 20, 2012.

   - A change to verification language of HAZ-2 was submitted to the CPM on February15, 2011 and approved by staff on March 14, 2011.

   - A change to verification language of TSE-1 was submitted to the CPM on February 22, 2011 and approved by staff on February 28, 2011.

   - A change to verification language of HAZ-2 was submitted to the CPM on February15, 2011 and approved by staff on March 14, 2011.

   - LECEF, Phase 2 license amendment filed on October 30, 2009, and approved on February 2, 2011.

7. Filings of Permits from other agencies

   - Storm water documentation for construction (Annual Report): Submitted on-line to State Water Resources Control Board on August 31, 2012 & August 31, 2011.

   - Authority to Construct Renewal, LECEF2: Submitted to the Bay Area Air Quality Management District on August 29, 2011.

8. Projection of Compliance Activities for August

GEN-2	Schedule will be updated monthly
GEN-3	CBO payments will be submitted monthly
AQ-SC-3	The AQCMM report will be updated monthly
AQ-SC-5	The AQCMM report will be updated monthly
WS-4	The Safety Inspection report will be updated monthly
BIO-2	The Designated Biologist's report will be updated monthly
BIO-4	WEAP training will be completed for new employees as needed
CUL-2	A current schedule will be provided to the CRS monitor when available
CUL-4	WEAP training will be completed for new employees as needed
PAL-3	WEAP training will be completed for new employees or visitors as needed, but is typically provided Monday and Wednesday at 7: 00 A.M.
PAL-4	The PRS report will be updated monthly

9. Additions to the On-site Compliance File

- WEAP training records
- Cultural Monitoring Reports
- Paleontology Monitoring Reports
- Biological Monitoring Reports
- Chemical Inventory List

10. Any requests, with justification, to dispose of items that are required to be maintained in the project owner's compliance file?

No items disposed of during the reporting period.

11. Listing of complaint, notices of violations, official warnings and citations

None received during the reporting period.

CONDITION OF CERTIFICATION
GEN-2

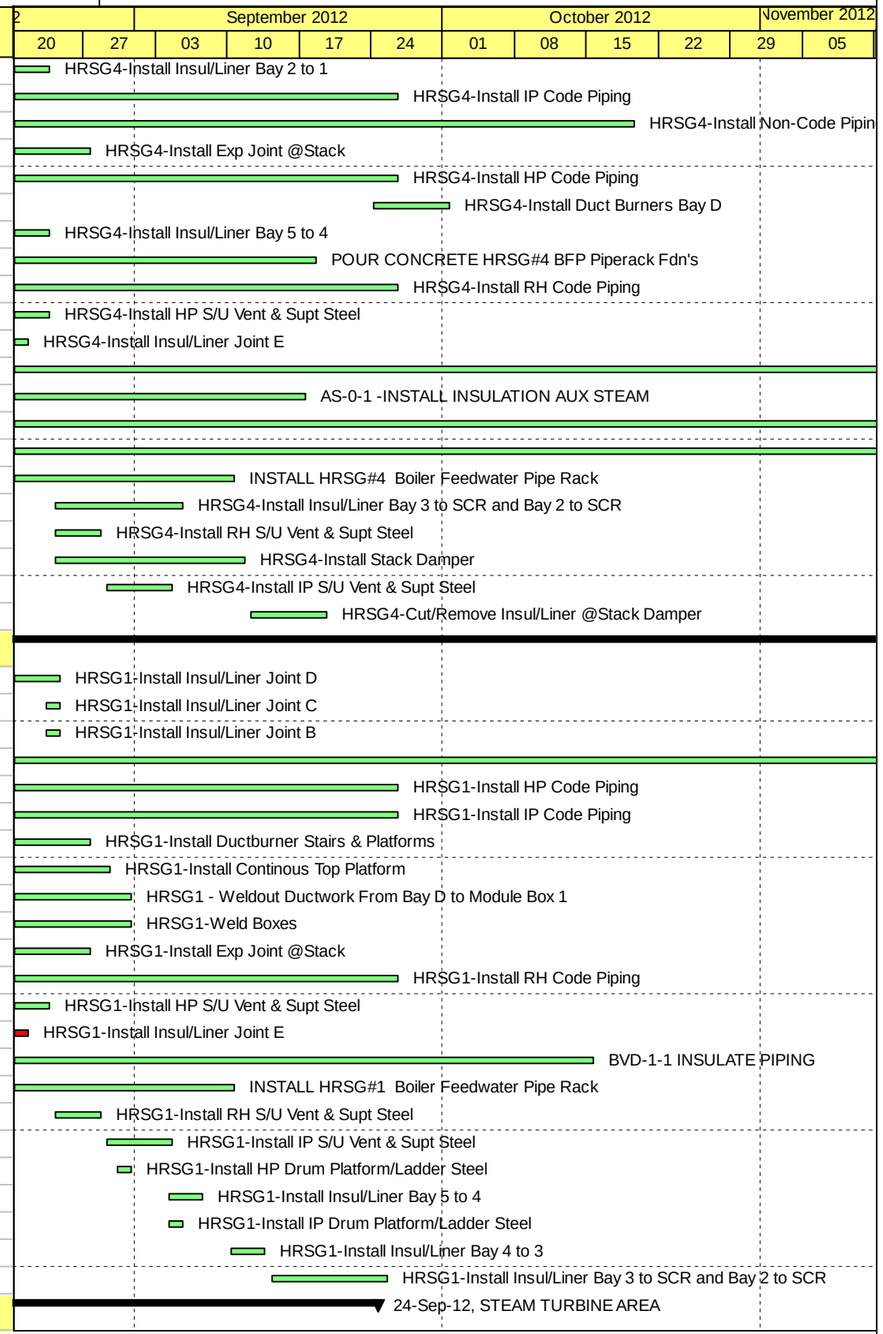
Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

Activity ID	Activity Name	Remaining Duration	% Complete	Start	Finish
GENERAL SITE WORK		34	79.88%	15-Jan-12 A	05-Oct-12
CS0GND1E10	GND-0-1 - INSTALL GROUND GRID	34	15%	15-Jan-12 A	05-Oct-12
CS0DB1533	Exc/Form/Rebar/Pour/Backfill Underground Ductbank From PDC 5 to Excitation Xformer	26	0%	20-Jul-12 A	25-Sep-12
CS0DB1542	Exc/Form/Rebar/Pour/Backfill UG Ductbank From Secondary Unit Xformer to Pipe Rack	10	0%	20-Aug-12	31-Aug-12
CS0DB1544	Exc/Form/Rebar/Pour/Backfill UG Ductbank From Secondary Unit Transformer to Elect Boiler	10	0%	20-Aug-12	31-Aug-12
CS0DB1546	Exc/Form/Rebar/Pour/Backfill UG Ductbank From Secondary Unit Xformer to Manhole - 1st phz to Road	10	0%	20-Aug-12	31-Aug-12
CS0DB1548	Exc/Form/Rebar/Pour/Backfill UG Ductbank From Secondary Unit Xformer to Manhole - 2nd Phx Road to MH	10	0%	04-Sep-12	17-Sep-12
CS0DB1534	Exc/Form/Rebar/Pour/Backfill Underground Ductbank From PDC 5 to West side of GSU Xformer	10	0%	12-Sep-12*	25-Sep-12
HRSG#3		27	86.5%	05-Apr-12 A	26-Sep-12
CS3HRSG1237	HRSG3-Install Duct Burners Bay D	12	0%	05-Apr-12 A	05-Sep-12
CS3HRSG1218	HRSG3-Install HP Code Piping	13	51.85%	10-May-12 A	06-Sep-12
CS3HRSG1220	HRSG3-Install IP Code Piping	13	51.85%	10-May-12 A	06-Sep-12
CS3HRSG1221	HRSG3-Install Non-Code Piping/Vents/Drains	15	72.22%	11-May-12 A	10-Sep-12
CS3HRSG1241	HRSG3-Install Duct Burner Skid	10	0%	25-Jun-12 A	31-Aug-12
CS3HRSG1209	HRSG3-Install Insul/Liner Bay 3 to SCR and Bay 2 to SCR	8	0%	09-Jul-12 A	29-Aug-12
CS3HRSG1238	HRSG3-Install Stack Damper	20	0%	16-Jul-12 A	17-Sep-12
CS3HRSG1050	BACKFILL CONCRETE HRSG #3 BFP Piperack Fdn's	3	0%	24-Jul-12 A	22-Aug-12
CS3HRSG1219	HRSG3-Install RH Code Piping	27	0%	20-Aug-12	26-Sep-12
CS3HRSG1224	HRSG3-Install HP S/U Vent & Supt Steel	4	0%	20-Aug-12	23-Aug-12
CS3HRSG113	INSTALL HRSG#3 Boiler Feedwater Pipe Rack	15	0%	20-Aug-12	10-Sep-12
CS3HRSG1225	HRSG3-Install RH S/U Vent & Supt Steel	3	0%	24-Aug-12	28-Aug-12
CS3HRSG1226	HRSG3-Install IP S/U Vent & Supt Steel	4	0%	29-Aug-12	04-Sep-12
CS3HRSG1242	HRSG3-Install Recirc Pumps A & B	4	0%	04-Sep-12	07-Sep-12
CS3DBR101	Drill and Grout AB's HRSG#3 DUCTBURNER Fuel Gas Filter/Sep SKID FDN	5	0%	05-Sep-12	11-Sep-12
HRSG#2		50	28.57%	16-Apr-12 A	29-Oct-12
CS2HRSG1237	HRSG2-Install Duct Burners Bay D	22	0%	16-Apr-12 A	19-Sep-12
CS2HRSG1211	HRSG2-Install Insul/Liner Bay 2 to 1	9	0%	02-May-12 A	30-Aug-12
CS2HRSG1218	HRSG2-Install HP Code Piping	27	0%	11-May-12 A	26-Sep-12
CS2HRSG1220	HRSG2-Install IP Code Piping	27	0%	11-May-12 A	26-Sep-12
CS2HRSG1221	HRSG2-Install Non-Code Piping/Vents/Drains	39	0%	11-May-12 A	12-Oct-12
CS2HRSG1239	HRSG2-Install Exp Joint @Stack	5	20%	11-Jun-12 A	24-Aug-12
CS2HRSG1209	HRSG2-Install Insul/Liner Bay 3 to SCR and Bay 2 to SCR	9	0%	20-Aug-12	30-Aug-12
CS2HRSG1219	HRSG2-Install RH Code Piping	27	0%	20-Aug-12	26-Sep-12
CS2HRSG1224	HRSG2-Install HP S/U Vent & Supt Steel	4	0%	20-Aug-12	23-Aug-12
CS0CN-P110A	INSTALL INSULATION CONDENSATE PIPING	50	0%	20-Aug-12	29-Oct-12
CS2HRSG113	INSTALL HRSG#2 Boiler Feedwater Pipe Rack	15	0%	20-Aug-12	10-Sep-12
CS2HRSG1225	HRSG2-Install RH S/U Vent & Supt Steel	3	0%	24-Aug-12	28-Aug-12
CS2HRSG1226	HRSG2-Install IP S/U Vent & Supt Steel	4	0%	29-Aug-12	04-Sep-12
CS2HRSG1238	HRSG2-Install Stack Damper	7	0%	05-Sep-12	13-Sep-12
CS2DBR101	Drill and Grout AB's HRSG#2 DUCTBURNER Fuel Gas Filter/Sep SKID FDN	5	0%	11-Sep-12	17-Sep-12
CS2HRSG1117	HRSG2-Cut/Remove Insul/Liner @Stack Damper	6	0%	14-Sep-12	21-Sep-12
HRSG#4		60	20%	04-Jun-12 A	13-Nov-12
CS4HRSG1214	HRSG4-Install Ductburner Stairs & Platforms	6	0%	04-Jun-12 A	27-Aug-12
CS4HRSG1215	HRSG4-Install Continous Top Platform	8	0%	04-Jun-12 A	29-Aug-12
CS4HRSG1250	HRSG4-Weld Boxes	4	50%	04-Jun-12 A	23-Aug-12
CS4HRSG1206	HRSG4-Install Insul/Liner Bay 4 to 3	4	0%	11-Jun-12 A	23-Aug-12

Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

TASK filters: 3-WK, Construction Only, Do not show LOE.

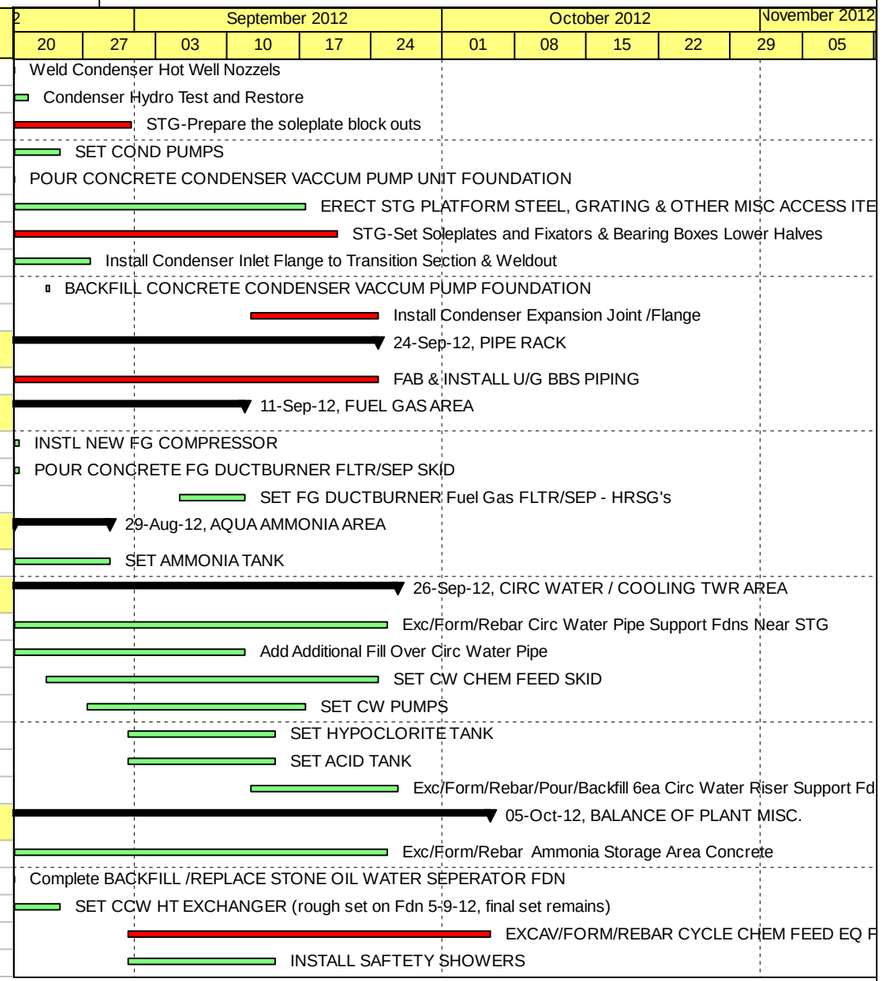
Activity ID	Activity Name	Remaining Duration	% Complete	Start	Finish
CS4HRSG1211	HRSG4-Install Insul/Liner Bay 2 to 1	4	0%	11-Jun-12 A	23-Aug-12
CS4HRSG1220	HRSG4-Install IP Code Piping	27	0%	25-Jun-12 A	26-Sep-12
CS4HRSG1221	HRSG4-Install Non-Code Piping/Vents/Drains	44	0%	25-Jun-12 A	19-Oct-12
CS4HRSG1239	HRSG4-Install Exp Joint @Stack	6	0%	25-Jun-12 A	27-Aug-12
CS4HRSG1218	HRSG4-Install HP Code Piping	27	0%	09-Jul-12 A	26-Sep-12
CS4HRSG1237	HRSG4-Install Duct Burners Bay D	6	0%	16-Jul-12 A	01-Oct-12
CS4HRSG1204	HRSG4-Install Insul/Liner Bay 5 to 4	4	0%	23-Jul-12 A	23-Aug-12
CS4HRSG1100	POUR CONCRETE HRSG#4 BFP Piperack Fdn's	21	0%	23-Jul-12 A	18-Sep-12
CS4HRSG1219	HRSG4-Install RH Code Piping	27	0%	20-Aug-12	26-Sep-12
CS4HRSG1224	HRSG4-Install HP S/U Vent & Supt Steel	4	0%	20-Aug-12	23-Aug-12
CS4HRSG1229	HRSG4-Install Insul/Liner Joint E	2	0%	20-Aug-12*	21-Aug-12
CS4BVDP40	BVD-4-1 INSTALL INSULATION HRSG UNITS 1&4	60	0%	20-Aug-12	13-Nov-12
CS4BVDP50	AS-0-1 -INSTALL INSULATION AUX STEAM	20	0%	20-Aug-12	17-Sep-12
CS4BVDP60	BVD-2-1 INSTALL INSULATION HRSG UNITS 2&3	60	0%	20-Aug-12	13-Nov-12
CS2FWP70	BFP-2-1 INSTALL INSULATION HRSG UNITS 2&3	60	0%	20-Aug-12	13-Nov-12
CS4HRSG113	INSTALL HRSG#4 Boiler Feedwater Pipe Rack	15	0%	20-Aug-12	10-Sep-12
CS4HRSG1209	HRSG4-Install Insul/Liner Bay 3 to SCR and Bay 2 to SCR	8	0%	24-Aug-12	05-Sep-12
CS4HRSG1225	HRSG4-Install RH S/U Vent & Supt Steel	3	0%	24-Aug-12	28-Aug-12
CS4HRSG1238	HRSG4-Install Stack Damper	12	0%	24-Aug-12	11-Sep-12
CS4HRSG1226	HRSG4-Install IP S/U Vent & Supt Steel	4	0%	29-Aug-12	04-Sep-12
CS4HRSG1117	HRSG4-Cut/Remove Insul/Liner @Stack Damper	6	0%	12-Sep-12	19-Sep-12
HRSG#1		61	32.97%	14-May-12 A	14-Nov-12
CS1HRSG1231	HRSG1-Install Insul/Liner Joint D	5	0%	14-May-12 A	24-Aug-12
CS1HRSG1233	HRSG1-Install Insul/Liner Joint C	2	0%	14-May-12 A	24-Aug-12
CS1HRSG1235	HRSG1-Install Insul/Liner Joint B	2	0%	14-May-12 A	24-Aug-12
CS1HRSG1221	HRSG1-Install Non-Code Piping/Vents/Drains	61	0%	18-Jun-12 A	14-Nov-12
CS1HRSG1218	HRSG1-Install HP Code Piping	27	0%	25-Jun-12 A	26-Sep-12
CS1HRSG1220	HRSG1-Install IP Code Piping	27	0%	27-Jun-12 A	26-Sep-12
CS1HRSG1214	HRSG1-Install Ductburner Stairs & Platforms	6	0%	09-Jul-12 A	27-Aug-12
CS1HRSG1215	HRSG1-Install Continous Top Platform	8	0%	09-Jul-12 A	29-Aug-12
CS1HRSG1275	HRSG1 - Weldout Ductwork From Bay D to Module Box 1	10	0%	09-Jul-12 A	31-Aug-12
CS1HRSG1250	HRSG1-Weld Boxes	10	0%	09-Jul-12 A	31-Aug-12
CS1HRSG1239	HRSG1-Install Exp Joint @Stack	6	0%	16-Jul-12 A	27-Aug-12
CS1HRSG1219	HRSG1-Install RH Code Piping	27	0%	20-Aug-12	26-Sep-12
CS1HRSG1224	HRSG1-Install HP S/U Vent & Supt Steel	4	0%	20-Aug-12	23-Aug-12
CS1HRSG1229	HRSG1-Install Insul/Liner Joint E	2	0%	20-Aug-12*	21-Aug-12
CS1BVDP40	BVD-1-1 INSULATE PIPING	40	0%	20-Aug-12	15-Oct-12
CS1HRSG113	INSTALL HRSG#1 Boiler Feedwater Pipe Rack	15	0%	20-Aug-12	10-Sep-12
CS1HRSG1225	HRSG1-Install RH S/U Vent & Supt Steel	3	0%	24-Aug-12	28-Aug-12
CS1HRSG1226	HRSG1-Install IP S/U Vent & Supt Steel	4	0%	29-Aug-12	04-Sep-12
CS1HRSG1216	HRSG1-Install HP Drum Platform/Ladder Steel	2	0%	30-Aug-12	31-Aug-12
CS1HRSG1204	HRSG1-Install Insul/Liner Bay 5 to 4	4	0%	04-Sep-12	07-Sep-12
CS1HRSG1217	HRSG1-Install IP Drum Platform/Ladder Steel	2	0%	04-Sep-12	05-Sep-12
CS1HRSG1206	HRSG1-Install Insul/Liner Bay 4 to 3	4	0%	10-Sep-12	13-Sep-12
CS1HRSG1209	HRSG1-Install Insul/Liner Bay 3 to SCR and Bay 2 to SCR	8	0%	14-Sep-12	25-Sep-12
STEAM TURBINE AREA		25	74.49%	08-May-12 A	24-Sep-12



Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

TASK filters: 3-WK, Construction Only, Do not show LOE.

Activity ID	Activity Name	Remaining Duration	% Complete	Start	Finish
CS0CN-D1030	Weld Condenser Hot Well Nozzels	0	100%	08-May-12 A	20-Aug-12
CS0CN-D1100	Condenser Hydro Test and Restore	2	50%	26-Jun-12 A	21-Aug-12
CS0STGM101	STG-Prepare the soleplate block outs	10	23.08%	23-Jul-12 A	31-Aug-12
CS0CN-1001	SET COND PUMPS	5	75%	30-Jul-12 A	24-Aug-12
CS0STGF404	POUR CONCRETE CONDENSER VACCUM PUMP UNIT FOUNDATION	0	100%	08-Aug-12 A	20-Aug-12
CS0STG1105	ERECT STG PLATFORM STEEL, GRATING & OTHER MISC ACCESS ITEMS (Seq 4.1)	20	0%	20-Aug-12	17-Sep-12
CS0STGM102	STG-Set Soleplates and Fixators & Bearing Boxes Lower Halves	23	0%	20-Aug-12	20-Sep-12
CS0CN-D1070	Install Condenser Inlet Flange to Transition Section & Weldout	6	0%	20-Aug-12	27-Aug-12
CS0STGF406	BACKFILL CONCRETE CONDENSER VACCUM PUMP FOUNDATION	1	0%	23-Aug-12	23-Aug-12
CS0CN-D1080	Install Condenser Expansion Joint /Flange	9	0%	12-Sep-12*	24-Sep-12
PIPE RACK		25	16.67%	09-Jan-12 A	24-Sep-12
CS0BVDU10	FAB & INSTALL U/G BBS PIPING	25	16.67%	09-Jan-12 A	24-Sep-12
FUEL GAS AREA		16	68%	22-Jun-12 A	11-Sep-12
CS0FGSQ01	INSTL NEW FG COMPRESSOR	1	97.5%	22-Jun-12 A	20-Aug-12
CS0DBRF2	POUR CONCRETE FG DUCTBURNER FLTR/SEP SKID	1	0%	20-Aug-12	20-Aug-12
CS0DBR210	SET FG DUCTBURNER Fuel Gas FLTR/SEP - HRSG's	5	0%	05-Sep-12*	11-Sep-12
AQUA AMMONIA AREA		8	0%	20-Aug-12	29-Aug-12
CS0AMMQ01	SET AMMONIA TANK	8	0%	20-Aug-12	29-Aug-12
CIRC WATER / COOLING TWR AREA		27	30.77%	03-Aug-12 A	26-Sep-12
CS0CF-1140	Exc/Form/Rebar Circ Water Pipe Support Fdns Near STG	26	0%	03-Aug-12 A	25-Sep-12
CS0CWFILL100	Add Additional Fill Over Circ Water Pipe	23	0%	20-Aug-12*	11-Sep-12
CS0CF-1070	SET CW CHEM FEED SKID	22	0%	23-Aug-12*	24-Sep-12
CS0CWQ01	SET CW PUMPS	15	0%	27-Aug-12*	17-Sep-12
CS0CF-1075	SET HYPOCLORITE TANK	10	0%	31-Aug-12*	14-Sep-12
CS0CF-1080	SET ACID TANK	10	0%	31-Aug-12*	14-Sep-12
CS0CTWPF100	Exc/Form/Rebar/Pour/Backfill 6ea Circ Water Riser Support Fdns at Cooling Tower	15	0%	12-Sep-12	26-Sep-12
BALANCE OF PLANT MISC.		34	59.04%	13-Jun-12 A	05-Oct-12
CS0CW1040	Exc/Form/Rebar Ammonia Storage Area Concrete	26	0%	13-Jun-12 A	25-Sep-12
CS0OWS125	Complete BACKFILL /REPLACE STONE OIL WATER SEPERATOR FDN	0	100%	19-Jun-12 A	20-Aug-12
CS0CWQ1	SET CCW HT EXCHANGER (rough set on Fdn 5-9-12, final set remains)	5	0%	20-Aug-12*	24-Aug-12
CS0CF2000	EXCAV/FORM/REBAR CYCLE CHEM FEED EQ FNDN	25	0%	31-Aug-12*	05-Oct-12
CS0PW-Q01	INSTALL SAFTETY SHOWERS	10	0%	31-Aug-12	14-Sep-12



Actual Work | Critical Remaining Work | Summary
Remaining Work | Milestone

TASK filters: 3-WK, Construction Only, Do not show LOE.

CONDITION OF CERTIFICATION
GEN-3

Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

Rod Jones

From: Don Wimberly <dwimberly@aimscorp.com>
Sent: Thursday, September 06, 2012 9:56 AM
To: Rod Jones
Subject: RE: Receipt of Payment for August

Rod

AIMS has received payment for August 2012 CBO services.

Donald C. Wimberly, P.E.
Delegate CBO
Cell: 408-930-4066

From: Rod Jones [mailto:Rodney.Jones@calpine.com]
Sent: Thursday, September 06, 2012 8:35 AM
To: dwimberly@aimscorp.com
Subject: RE: Receipt of Payment for August

Hi Don,

Per COC GEN-3, please confirm if you have received payment from Calpine for August 2012.

Kindest regards,

Rod Jones
Compliance Manager
LECEF, Phase 2
CPN Construction Management Co., Inc.
800 Thomas Foon Chew Way
San Jose, CA 95134
408-635-1322 (Direct)
281-814-8316 (Cell)

CONDITION OF CERTIFICATION
GEN-5

Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

THE AIMS CORPORATION
Associated Infrastructure Management Services, Inc.
Delegate CBO for the California Energy Commission

DISPOSITION

August 17, 2012

PROJECT: **LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2**
CEC Docket No.: **03-AFC-2**

CBO COC: **GEN-5**
CBO Package No: **CBO-053**

Review Subject: **RDE Log**

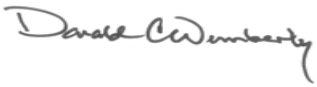
Applicable Documents: **All documents listed per Transmittal 05985**

INFORMATION ONLY

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.

2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,



Donald C. Wimberly
Delegate CBO

Sent to Distribution List

CONDITION OF CERTIFICATION
GEN-6

Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

THE AIMS CORPORATION
Associated Infrastructure Management Services, Inc.
Delegate CBO for the California Energy Commission

DISPOSITION

August 21, 2012

PROJECT: **LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2**
CEC Docket No.: **03-AFC-2**

CBO COC: **GEN-6**
CBO Package No: **CBO-052**

Review Subject: **Special Inspectors**

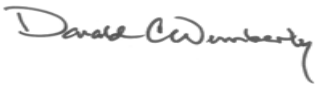
Applicable Documents: **All documents listed per Transmittal 06248**

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.

2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,



Donald C. Wimberly
Delegate CBO

Sent to Distribution List

CONDITION OF CERTIFICATION
CIVIL-3

Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

Contractor/ Supplier	NCR No.	Drawing No.	Location	Date Generated	Description	NCR Type	Date to Engineering	Date Answered	Date Comp	Date Closed
Overaa/Duran & Venables	1	LE-GEN-DE-P9-0001 sht 1 R/0	Phase II utility reroute	6/13/11	Damage to Instrument Air Line AGANA006	Repair	6/13/11	6/13/11	9/24/11	9/24/11
Overaa/Duran & Venables	2	LE-GEN-DE-P9-0001 sht 1 R/0	Phase II utility reroute	6/14/11	Damage to Firewater Line 10"P3GFP005	Accept As Is / Replace	6/20/11	6/20/11	10/18/11	11/10/11
LG Constructors	3	LGC Quality Manual	Cooling Tower	6/21/11	Hold Point not signed off Concrete additional of fibers not in mix	Rework	6/21/11	6/21/11	6/23/11	6/24/11
Hanson & Harder Mechinical	4	CH2M HILL spec 402319.01 and Hanson Drawing	Circulating Water	6/22/11	Leak at metal to Concrete interface 4th to 5th MK43 on South Line Base metal gouge 3rd to 4th MK43 On South Line	Repair / Accept As Is	6/22/11	6/27/11	9/2/11	11/10/11
Overaa	5	CH2M Hill spec 033000 and drawing LE-CTW-DE-S7-0160sec. A	Cooling Tower Wall Placement	7/26/11	Concrete Construction joint not roughened as per specification	Accept As Is	7/27/11	7/27/11	8/3/11	8/8/11
Harder Mechanical	6	Hanson Drawings 110090-DR03 and 110090-LD01	Circulating Water interior grout joints at welds 2, 3, 5 & 6	7/27/11	Circulating water piping interior joints not pre soaked for time as required per manufacturers instructions	Rework	8/1/11	8/1/11	11/10/11	11/10/11
Hanson	7	CH2M Hill Specification 40231901 Section 1.3.A	Circulating Water	8/2/11	48" and smaller Circulating Water pipe designed and supplied with exterior welds not interior as required by specification	Rework	8/2/11	8/23/11	10/6/11	10/6/11
Overaa	8	CH2M Hill Specification 033000 Rev.2 And ACI 309R	Cooling Tower Wall Placement	8/5/11	Concrete wall placement has honeycomb at base of wall to floor slab at various locations	Rework	8/5/11	8/12/11	9/30/11	9/30/11
Harder Mechanical	9	Harder Welding Procedures	Circulating Water pipe welds #21 and 22	8/10/11	Contract requires that prior to start of welding. Welding Procedures require review and approval LGC and Calpine	Rework	8/10/11	8/10/11	8/10/11	8/10/11
Harder Mechanical	10	Harder Welding Procedures	Circulating Water pipe welds #18, 19, 20 and 74	8/11/11	Contract requires that prior to start of welding. Welding Procedures require review and approval LGC and Calpine	Rework	8/11/11	8/11/11	8/11/11	8/11/11
Overaa/Central Concrete	11	CH2M Hill Specification 033000	STG Foundation	9/10/11	Concrete placed in STG foundation with 7-1/2 slump which exceeds maximum allowed by specification	Accept As Is	9/12/11	9/13/11	10/5/11	11/10/11
Hanson	12	CH2M HILL spec 402319.01 and Hanson Drawing	Circulating Water	10/27/11	Leak at metal to Concrete interface S-36 to Mk80 on North 48" Line	Repair	10/28/11	10/31/11	11/11/11	11/30/11

Contractor/ Supplier	NCR No.	Drawing No.	Location	Date Generated	Description	NCR Type	Date to Engineering	Date Answered	Date Comp	Date Closed
Calpine Generated/ Cooling Tower Depot	13	Cooling Tower Depot A-120 Sht 2 R/4	Cooling Tower	11/9/11	Anchor Bolt Installation in cooling tower not per drawing, no special Inspector inspection. Random sample of anchor bolts to be pull tested.	Accept As Is	11/10/11	11/10/11	11/14/11	12/5/11
Harder Mechanical	14	SSW	SSW	11/10/11	Backfill without owners approval	Accept As Is	N/A	N/A	11/10/11	11/10/11
Calpine Generated/ Cooling Tower Depot	15	CTD	Cooling tower basin		CTD rebar conflicting with anchor bolt locations. Engineering review.	Accept As Is	N/A	N/A	12/5/11	12/7/11
Overaa	16	BFW Pump Foundation #3	HRSG #3	1/23/12	Concrete placed without freeze protection	Take core samples	1/23/12	1/24/12	7/2/12	7/9/12
NADC	17	04051772A	HRSG #3	2.3.12	Existing areas of SCR were cut that should have been trimmed and saved.	repair	Superceded by NCR 26			7/30/12
Overaa	18	LE-GEN-DE-S5-0285 Sht. 1 Rev. 3	Cooling water exchanger	2/23/12	Anchor bolt off center by 12"	rework	2/27/12	2/27/12	5/1/12	5/2/12
Overaa	19	LE-GEN-DE-S5-0290 Sht.2 Rev. 2	Hazardous Materials Storage	3/14/12	Bollard concrete placed without pour card	remove and rework	3/14/12	3/22/12	4/2/12	4/3/12
Harder Mechanical	20	V17455-ERND-020	HRSG Inlet Duct Columns	3/16/12	Welding without presence of Special Inspector	Inspect accept as is	4/5/12	4/11/12	4/12/12	4/12/12
Harder Mechanical	21	V17456-DWND-001-01	HRSG Inlet Duct B-C section	3/19/12	Harder NCR H-028 - Welding vertical down with E7018	rework	3/22/12	3/22/12	4/30/12	4/30/12
Overaa	22		Lube Oil Pad and STG Crane Mat	3/22/12	Wrong mix design for mudmat		3/22/12	3/22/12	3/27/12	3/27/12
NuSteel	23	LE-GEN-DE-S0-0010 Sht. 2 Rev. 1	Fabricated Structural Steel, Phase 1	4/4/12	Welding without presence of Special Inspector	inspect. Repair if required.	4/4/12	4/11/12	4/30/12	5/9/12
NADC	24		HRSG #3	4/4/12	Holes in CSR beams	repair	4/9/12	4/18/12		
Harder Mechanical	25	V17456-DWXD-504-00	HRSG #2	4/9/12	Harder NCR H-027 Bent beam	replace	4/9/12	4/9/12	4/30/12	5/1/12
NADC	26	Deltak DWG 04051772 Sht. 6 of 29	HRSG #3	4/9/12	Duct F cut in wrong location	repair				
LG Constructors	27	LGC Quality Manual	Sample and Analysis Enclosure	5/9/12	Placement of mudmat w/o signed backfill checklist		5/11/12	5/14/12	5/14/12	5/14/12

Contractor/ Supplier	NCR No.	Drawing No.	Location	Date Generated	Description	NCR Type	Date to Engineering	Date Answered	Date Comp	Date Closed
Harder Mechanical	28	Calpine Spec. 15060	HRSG#3 Cold Reheat Inlet piping	5/9/12	Filler metal not in compliance with specification	remove and rework	5/11/12	5/12/12		
UE Compression	29		Gas Compressor Skid	5/15/12	Numerous quality issues	rework	5/16/12	5/16/12	6/16/12	6/29/12
Harder Mechanical	30	Calpine Spec. 15060 and LG Spec 485868	HRSG small bore piping	5/23/12	Filler metal not in compliance with specification	remove and rework	5/23/12	5/23/12	6/8/12	6/25/12
NuSteel	31	LE-GEN-DE-S2-0450 Sht. 12	Pipe Rack Structural Steel	5/29/12	Holes drilled on wrong side of columns	rework	5/29/12			
G2	32		PDC foundation column embeds	6/1/12	Studs on embed plates not fully fused	rework	6/1/12	6/1/12	6/7/12	6/19/12
Vogt	33	V17456-PIND-080 Rev. 3	RHTR Attemperator	6/4/12	Defects in piping	rework	6/4/12	6/8/12	6/15/12	6/25/12
Vogt	34	V17456-PIND-081 Rev.06	RHTR Outlet	6/12/12	Defects in piping	rework	6/12/12	6/12/12		
Vogt	35	V17456-PIND-067 Rev. 02	HP Attemperator	6/12/12	Defects in piping	rework	6/12/12	6/12/12		
Vogt	36	V17456-PIND-080 Rev. 3	RHTR Attemperator	6/12/12	Defects in piping	rework	6/12/12	6/12/12		
Overaa	37		Existing piperack piers	6/20/12	Bushed out corners of wrong piers	rework	6/20/12	6/20/12		
Overaa	38	LE-STG-DE-S5-0190 Sht. 12 Rev. 1	Condensate sump cans	6/26/12	Low cylinder breaks		6/26/12	6/26/12	6/28/12	6/28/12
CH Murphy	39		Ammonia tank	6/29/12	Welding defects, testing issues	rework and retest	6/29/12			
Overaa	40	LE-GSU-DE-S5-0240 Sht. 1 Rev. 3	GSU foundation	7/3/12	Embed plates low and not level	repair	7/3/12	7/3/12	7/20/12	7/23/12
NuSteel	41	Nusteel DWG 408	Piperack steel sequence #4	7/5/12	Defective welding	repair	7/5/12			
UE Compression	42		Gas Compressor Skid	7/16/12	Numerous quality issues on drain pans, conduit, and instrumentation	rework	7/16/12			
NuSteel	43	Nusteel DWG 405	Piperack	7/17/12	Diagonals fabricated short	replace	7/17/12			
Eaton	44	Eaton DWG 11-93	PDC #5	7/18/12	Halves do not fit together to form a tight seal	rework	7/18/12			
Harder Mechanical	45	LE-GEN-DE-P4-0011	HRSG #4	8/8/12	Backfill without owners/CBO approval	Accept as is	8/14/12			
APD/Newtron	46	LE-GEN-DE-E3-7201 Sht. 2 Rev. 2	PG&E Switchyard	8/8/12	Concrete and test cylinders not per specification	Core samples	8/9/12	8/16/12	8/17/12	8/17/12
Dis-Tran	47		Calpine switchyard	8/16/12	Undersized welds	Rework				
Harder Mechanical	48	CBC Chapter 17	HRSG #3	8/16/12	Installed Hilti anchor bolts w/o notification to special inspector	Torque test bolts				

Contractor/ Supplier	NCR No.	Drawing No.	Location	Date Generated	Description	NCR Type	Date to Engineering	Date Answered	Date Comp	Date Closed
Powell/Delta	49		IsoPhase	8/16/12	Weld defects on support steel	Rework				
APD/Newtron	50	LE-GEN-DE-S5-0240 Sht.1 Rev.2	Calpine switchyard	8/22/12	Piers poured w/o signoff on pour card					

CONDITION OF CERTIFICATION
STRUC-1

Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

THE AIMS CORPORATION
Associated Infrastructure Management Services, Inc.
Delegate CBO for the California Energy Commission

DISPOSITION

August 14, 2012

PROJECT:	**LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2**
CEC Docket No.:	**03-AFC-2**
CBO COC:	**STRUC-1**
CBO Package No:	**CBO-244**
Review Subject:	**Boiler Feedpump Pipe Rack Foundation**
Applicable Documents:	**All documents listed per Transmittal 05923**

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

THE AIMS CORPORATION
Associated Infrastructure Management Services, Inc.
Delegate CBO for the California Energy Commission

DISPOSITION

August 15, 2012

PROJECT: **LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2**
CEC Docket No.: **03-AFC-2**

CBO COC: **STRUC-1**
CBO Package No: **CBO-227**

Review Subject: **DCN-084 Vogt Field Connections (Trans 05953)**

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.

2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com.

Sincerely,

Don Wimberly
Delegate CBO

Sent to Distribution List

THE AIMS CORPORATION
Associated Infrastructure Management Services, Inc.
Delegate CBO for the California Energy Commission

DISPOSITION

August 16, 2012

PROJECT:	**LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2**
CEC Docket No.:	**03-AFC-2**
CBO COC:	**STRUC-1**
CBO Package No:	**CBO-246**
Review Subject:	**Ammonia Storage Tank Foundation and Containment**
Applicable Documents:	**All drawings listed per Transmittal 05979**

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

THE AIMS CORPORATION
Associated Infrastructure Management Services, Inc.
Delegate CBO for the California Energy Commission

DISPOSITION

August 17, 2012

PROJECT:	**LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2**
CEC Docket No.:	**03-AFC-2**
CBO COC:	**STRUC-1**
CBO Package No:	**CBO-217**
Review Subject:	**Misc Foundations**
Applicable Documents:	**All documents listed per Transmittal 05745**

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.

2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

THE AIMS CORPORATION
Associated Infrastructure Management Services, Inc.
Delegate CBO for the California Energy Commission

DISPOSITION

August 17, 2012

PROJECT:	**LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2**
CEC Docket No.:	**03-AFC-2**
CBO COC:	**STRUC-1**
CBO Package No:	**CBO-250**
Review Subject:	**New Pipe Rack Steel**
Applicable Documents:	**All documents listed per Transmittal 05754**

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

THE AIMS CORPORATION
Associated Infrastructure Management Services, Inc.
Delegate CBO for the California Energy Commission

DISPOSITION

August 17, 2012

PROJECT: **LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2**
CEC Docket No.: **03-AFC-2**

CBO COC: **STRUC-1**
CBO Package No: **CBO-250**

Review Subject: **New Pipe Rack Steel**

Applicable Documents: **All documents listed per Transmittal 05754**

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.

2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

THE AIMS CORPORATION
Associated Infrastructure Management Services, Inc.
Delegate CBO for the California Energy Commission

DISPOSITION

August 21, 2012

PROJECT:	**LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2**
CEC Docket No.:	**03-AFC-2**
CBO COC:	**STRUC-1**
CBO Package No:	**CBO-268**
Review Subject:	**Misc Access Platforms**
Applicable Documents:	**All drawings listed per Transmittal 05875**

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

THE AIMS CORPORATION
Associated Infrastructure Management Services, Inc.
Delegate CBO for the California Energy Commission

DISPOSITION

August 28, 2012

PROJECT:	**LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2**
CEC Docket No.:	**03-AFC-2**
CBO COC:	**STRUC-1**
CBO Package No:	**CBO-244**
Review Subject:	**DCN-090 Boiler Feedpump Pipe Rack Foundation (Trans 06372)**

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com.

Sincerely,

Don Wimberly
Delegate CBO

Sent to Distribution List

THE AIMS CORPORATION
Associated Infrastructure Management Services, Inc.
Delegate CBO for the California Energy Commission

DISPOSITION

August 28, 2012

PROJECT:	**LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2**
CEC Docket No.:	**03-AFC-2**
CBO COC:	**STRUC-1**
CBO Package No:	**CBO-217**
Review Subject:	**Misc Foundations**
Applicable Documents:	**All documents listed per Transmittal 06257**

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.

2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

CONDITION OF CERTIFICATION
MECH-1

Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

MECH-1:

Per the requirements of *MECH-1,* a statement will be provided by the engineer of record that the plans, specifications, and calculations have been prepared in compliance with the applicable LORS. It is currently planned for this statement to be issued upon completion of the design and CBO review process and upon addressing field construction changes which require the approval by the engineer of record. Therefore, this record will be provided in a future Monthly Compliance Report consistent with the design and construction schedule.

THE AIMS CORPORATION
Associated Infrastructure Management Services, Inc.
Delegate CBO for the California Energy Commission

DISPOSITION

August 14, 2012

PROJECT:	**LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2**
CEC Docket No.:	**03-AFC-2**
CBO COC:	**MECH-1**
CBO Package No:	**CBO-304**
Review Subject:	**UG Piping**
Applicable Documents:	**All drawings listed per Transmittal 05885**

INFORMATION ONLY

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

THE AIMS CORPORATION
Associated Infrastructure Management Services, Inc.
Delegate CBO for the California Energy Commission

DISPOSITION

August 14, 2012

PROJECT:	**LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2**
CEC Docket No.:	**03-AFC-2**
CBO COC:	**MECH-1**
CBO Package No:	**CBO-315**
Review Subject:	**Aboveground Piping**
Applicable Documents:	**All drawings listed per Transmittals 05888 and 05905**

INFORMATION ONLY

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

THE AIMS CORPORATION
Associated Infrastructure Management Services, Inc.
Delegate CBO for the California Energy Commission

DISPOSITION

August 30, 2012

PROJECT:	**LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2**
CEC Docket No.:	**03-AFC-2**
CBO COC:	**MECH-1**
CBO Package No:	**CBO-373**
Review Subject:	**PFA Ammonia Storage Tank**
Applicable Documents:	**All documents listed per Transmittal 06401**

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

THE AIMS CORPORATION
Associated Infrastructure Management Services, Inc.
Delegate CBO for the California Energy Commission

DISPOSITION

August 30, 2012

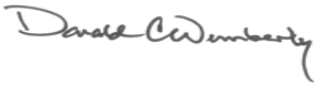
PROJECT:	**LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2**
CEC Docket No.:	**03-AFC-2**
CBO COC:	**MECH-1**
CBO Package No:	**CBO-389**
Review Subject:	**Chem Lab with Sample Analysis Panel Skid PFA**
Applicable Documents:	**All documents listed per Transmittal 06332**

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.

2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,



Donald C. Wimberly
Delegate CBO

Sent to Distribution List

CONDITION OF CERTIFICATION
ELEC-1

Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

ELEC-1:

Per the requirements of *ELEC-1,* a statement will be provided by the engineer of record that the plans, specifications, and calculations have been prepared in compliance with the applicable LORS. It is currently planned for this statement to be issued upon completion of the design and CBO review process and upon addressing field construction changes which require the approval by the engineer of record. Therefore, this record will be provided in a future Monthly Compliance Report consistent with the design and construction schedule.

THE AIMS CORPORATION
Associated Infrastructure Management Services, Inc.
Delegate CBO for the California Energy Commission

DISPOSITION

March 15, 2012

PROJECT:	**LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2**
CEC Docket No.:	**03-AFC-2**
CBO COC:	**ELEC-1**
CBO Package No:	**CBO-951**
Review Subject:	**Construction Lighting**
Applicable Documents:	**All drawings listed per Transmittal 02831**

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

THE AIMS CORPORATION
Associated Infrastructure Management Services, Inc.
Delegate CBO for the California Energy Commission

DISPOSITION

August 16, 2012

PROJECT:	**LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2**
CEC Docket No.:	**03-AFC-2**
CBO COC:	**ELEC-1**
CBO Package No:	**CBO-950**
Review Subject:	**Construction Power**
Applicable Documents:	**All drawings listed per Transmittal 05765**

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

THE AIMS CORPORATION
Associated Infrastructure Management Services, Inc.
Delegate CBO for the California Energy Commission

DISPOSITION

August 28, 2012

PROJECT:	**LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2**
CEC Docket No.:	**03-AFC-2**
CBO COC:	**ELEC-1**
CBO Package No:	**CBO-401**
Review Subject:	**Grounding and Grounding Plans**
Applicable Documents:	**All documents listed per Transmittal 06295**

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

THE AIMS CORPORATION
Associated Infrastructure Management Services, Inc.
Delegate CBO for the California Energy Commission

DISPOSITION

August 29, 2012

PROJECT: **LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2**
CEC Docket No.: **03-AFC-2**

CBO COC: **ELEC-1**
CBO Package No: **CBO-456**

Review Subject: **Location Plans**

Applicable Documents: **All drawings listed per Transmittal 06431**

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.
2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

CONDITION OF CERTIFICATION
TSE-1

Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

THE AIMS CORPORATION
Associated Infrastructure Management Services, Inc.
Delegate CBO for the California Energy Commission

DISPOSITION

July 10, 2012

PROJECT: **LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2**
CEC Docket No.: **03-AFC-2**

CBO COC: **TSE-1**
CBO Package No: **CBO-500**

Review Subject: **Master Document List**

Applicable Documents: **All documents listed per Transmittal 05083**

INFORMATION ONLY

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.

2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

CONDITION OF CERTIFICATION
TSE-4

Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

TSE-4:

Per the requirements of *TSE-4,* a statement will be provided by the engineer of record that the plans, specifications, and calculations have been prepared in compliance with the applicable LORS. It is currently planned for this statement to be issued upon completion of the design and CBO review process and upon addressing field construction changes which require the approval by the engineer of record. Therefore, this record will be provided in a future Monthly Compliance Report consistent with the design and construction schedule.

CONDITION OF CERTIFICATION
TSE-5

Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

THE AIMS CORPORATION
Associated Infrastructure Management Services, Inc.
Delegate CBO for the California Energy Commission

DISPOSITION

August 14, 2012

PROJECT: **LOS ESTEROS CRITICAL ENERGY FACILITY PHASE 2**
CEC Docket No.: **03-AFC-2**

CBO COC: **TSE-5**
CBO Package No: **CBO-508**

Review Subject: **Switchyard Minor Materials Package**

Applicable Documents: **All documents listed per Transmittal 05781**

APPROVED

1. Future revisions to this documentation, if any, shall be submitted to the CBO for review.

2. For any questions you may contact Don Wimberly by cell phone 408-930-4066 or by email dwimberly@aimscorp.com

Sincerely,

Donald C. Wimberly
Delegate CBO

Sent to Distribution List

CONDITION OF CERTIFICATION
AQ-SC3

Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

- **AQ-SC3 - Constructive Fugitive Dust Control:** The project owner shall include in the MCR
    - (1) a summary of all actions taken to maintain compliance with this condition:
        - Daily watering using a water truck continuously applying water on all areas of activity on the site including excavations, truck routes (paved and unpaved), and active stockpiles.
        - Use of a street sweeper to keep paved areas clean.
        - Use of a dust meter which takes regular readings throughout the day with the data downloaded and reviewed each day.
        - Dust meters are visually checked throughout the day to assure compliance.
        - Soil stockpiles have been covered with a soil stabilizer with the open face (working side) covered with plastic and the end of each day. The stockpile is being used as backfill and is decreasing in size.
        - Enforcement of the no visual dust policy.
        - Provide training for compliance to all staff
        - Detailed training is provided to all lead staff.
    - (2) copies of any complaints filed with the air district in relation to project construction
        - None noted for August 2012
    - (3) any other documentation deemed necessary for the CPM and AQCMM to verify compliance with this condition
        - None noted for August 2012

CONDITION OF CERTIFICATION
AQ-SC5

Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

- **AQ-SC3 - Constructive Fugitive Dust Control:** The project owner shall include in the MCR
    - (1) a summary of all actions taken to maintain compliance with this condition:
        - Daily watering using a water truck continuously applying water on all areas of activity on the site including excavations, truck routes (paved and unpaved), and active stockpiles.
        - Use of a street sweeper to keep paved areas clean.
        - Use of a dust meter which takes regular readings throughout the day with the data downloaded and reviewed each day.
        - Dust meters are visually checked throughout the day to assure compliance.
        - Soil stockpiles have been covered with a soil stabilizer with the open face (working side) covered with plastic and the end of each day. The stockpile is being used as backfill and is decreasing in size.
        - Enforcement of the no visual dust policy.
        - Provide training for compliance to all staff
        - Detailed training is provided to all lead staff.
    - (2) copies of any complaints filed with the air district in relation to project construction
        - None noted for August 2012
    - (3) any other documentation deemed necessary for the CPM and AQCMM to verify compliance with this condition
        - None noted for August 2012

CH2MHILL

Off-Road Construction Equipment											
Equipment Description (bulldozer, grader, etc.);	vehicle ID #	Vehicle manufacturer	Model	Model Year	Engine horsepower rating/ tier	Tier	Fuel type used	Gallons of fuel used	Hour Meter Reading this Month	Hours of Operation for Project	CARB #
On-Road Vehicles											
Vehicle Description (flat bed, End Dump, etc.)	vehicle ID #	Vehicle manufacturer	Model	Model Year	Engine horsepower rating	Tier	Fuel type used	Gallons of fuel used	Total Miles this Month	Total Miles for Project	
Passenger cars											
Vehicle Description	vehicle ID #	Vehicle manufacturer	Model	Model Year	Engine horsepower rating	Tier	Fuel type used	Gallons of fuel used	Round trip (In Miles) this Month	Round trip (In Miles) Total Project	
F-150 Gray	8065	Ford	F-150	2011	250	NA	Gas	4	50	2,502.00	NA
F-150 White	8066	Ford	F-150	2011	250	NA	Gas	1	10	1,165.00	NA
Harder											
Off-Road Construction Equipment											
Equipment Description (bulldozer, grader, etc.);	vehicle ID #	Vehicle manufacturer	Model	Model Year	Engine horsepower rating	Tier	Fuel type used	Gallons of fuel used	Hours of Operation this Month	Hours of Operation Total for Project	CARB #
Cart	Ranger	Polaris	500 EFI	2011	498cc	NA	diesel	*40*	40	161	NA
Generator	NB-1726A60161	Airman	Pwrpro 150		87		diesel	*100*	225	675	NA
Generator	NB1726860148	Whisperwatt	300	2009	102		diesel	*30*	75	675	NA
Generator 3/12	NA-7350165	Red D Arc	70SS1	2010	87	NA	diesel	*120*	250	1000	NA
Generator	3606	Wisperwatt	DCA-70SSI				diesel	*110*	225	720	NA
Generator	NA1478B10071	Red D Arc	70SS1	2010	87	NA	diesel	*120*	250	883	NA
Generator	NA/7304780	Red D Arc	70SSJ	2008	102	NA	diesel	*120*	250	1002	NA
Hoist Lift 360	28501	Hoist	P360	2005	152	2	Diesel	*0*	0	288	RJ3E48
Compressor	854784	Sullair			49		diesel	*5*	10	210	NA
Compressor	917991	Atlas			49		diesel	*75*	150	260	NA
Compressor	833306	Atlas			49		diesel	*0*	0	80	NA
Compressor	989595	Sullair			49		diesel	*0*	0	170	NA
Crane	753586	Link-Belt	RTC 130	2010	300	2	diesel	*150*	150	820	DS5E97
Crane	3626	Link-Belt	RTC 8050	2006	165	1	diesel	*150*	150	630	EM775
Crane	3577	Link-Belt	RTC 8065	2010	300	1	diesel	*200*	200	985	EK7M75
Manlift	581589	Jlg	S120	2011	74		diesel	*10*	20	60	NA
Manlift	10035012	Genie	125	2011	74	3	diesel	*0*	0	385	TN3K56
Manlift	1067908	Genie	S-85	2010	74	3	diesel	*100*	200	600	NA
Manlift	418401	Genie	S-125		74	3	diesel	*0*	0	360	NA
Manlift	397619	genie	Z 60/34	2010	48	3	diesel	*100*	200	640	XX8P73
Manlift	161174	Jlg	S-135	2012	65		diesel	*10*	20	100	NA
Manlift	RR3109830	Jlg	S-135	2012	65		diesel	*5*	10	90	NA
Manlift	887642	genie	Z 60/36	2011	48	3	diesel	*5*	10	30	WH5T59
Forklift	912265	Skytrack	8042	2011	190	3	diesel	*100*	193	900	PN3J44
Forklift	629010	Skytrack	8042	2006	110	2	diesel	*100*	192	816	VH3R97
Forklift	757328	Gehl	RS8-40	2010	190		diesel	*110*	235	689	NA
Forklift	879738	Skytrack	8042	2009	200		diesel	*110*	235	705	NA
Welder 5/20	YE-M160014	Red D Arc	502K		49.5	NA	diesel	*0*	0	90	NA
Welder 3/7	YE-M040053	Red D Arc	550K	2010	49.5	NA	diesel	*0*	0	104	NA
Welder 3/7	YE-M470002	Red D Arc	550K	2010	49.5	NA	diesel	*0*	0	294	NA
Welder 3/12	YE-MMB340115	Red D Arc	550K	2010	49.5	NA	diesel	*75*	225	597	NA
Welder 3/12	YD-M400041	Red D Arc	502		49.5	NA	diesel	*75*	225	315	NA
Welder 3/12	YD-M350084	Red D Arc	502		49.5	NA	diesel	*60*	150	270	NA
Welder 3/12	YD-M060873	Red D Arc	502		49.5	NA	diesel	*60*	150	270	NA
Welder	420167	Miller	500	2010	31.9	NA	diesel	*70*	200	370	NA
Welder 3/12	YD-M465413	Red D Arc	502		49.5	NA	diesel	*70*	200	480	NA
Welder	YE-M340017	Red D Arc	502	2010	31.9	NA	diesel	*0*	0	80	NA
Welder	YE-M210014	Red D Arc	550k		49.5	NA	diesel	*75*	225	540	NA
Welder 3/12	YD-M003536	Red D Arc	550k		49.5	NA	diesel	*70*	200	520	NA
								estimated for Aug			
On-Road Vehicles											
Vehicle Description (flat bed, End Dump, etc.)	vehicle ID #	Vehicle manufacturer	Model	Model Year	Engine horsepower rating	Tier	Fuel type used	Gallons of fuel used	Total Miles this Month	Total Miles for Project	
Water Truck	269122	Peterbilt	330	2005	300	NA	Diesel	*10*	25	470	NA
Street Sweeper	5DW792	Athey	VA	1994	200	NA	Diesel	*5*	10	270	NA
Passenger cars											
Vehicle Description	vehicle ID #	Vehicle manufacturer	Model	Model Year	Engine horsepower rating	Tier	Fuel type used	Gallons of fuel used	Round trip (In Miles) this Month	Round trip (In Miles) Total Project	
Duran and Venables											

Off-Road Construction Equipment											
Equipment Description (bulldozer, grader, etc.);	vehicle ID #	Vehicle manufacturer	Model	Model Year	Engine horsepower rating	Tier	Fuel type used	Gallons of Fuel used	Hours of Operation this Month	Hours of Operation Total for Project	CARB #
Bobcat	531616254	Bobcat	T190	2007	2.4L	3	Diesel	***50***	38	271	HD5C57
Backhoe	TO410JX143882	John Deere	410J	2007	4.5L	3	Diesel	***50***	40	532	ANSX78
Skip Loader	TO21O6J890072	John Deere	210J	2007	4.5L	3	Diesel	***70***	64	691	JA31363
Compactor	CD433LASNOO14	bomag	CP-433E	1994	4.4L	1	Diesel	*0*	0	133	JEGN66
Roller	CB224J22402866	Cat	CB-224E	2007	1.49L	3	Diesel	*0*	0	204	AL7T75
Mini Excavator	A93K13295	Bobcat	E35	2010	2.4L	3	Diesel	***2***	16	395	VA5D39
Dozer		CAT	D5	2008		3	Diesel			101	OFF RENT
Excavator		CAT	321D	2008		3	Diesel			96	OFF RENT
Excavator	122991-1017	CAT	305C	2009	48.5	4	Diesel	0	0	10	TJ6M54
On-Road Vehicles								***estimated for Aug***			
Vehicle Description (flat bed, End Dump, etc.)	vehicle ID #	Vehicle manufacturer	Model	Model Year	Engine horsepower rating	Tier	Fuel type used	Gallons of Fuel used	Total Miles this Month	Total Miles for Project	
Water Truck	269122	Peterbilt	330	2005	300	NA	Diesel		70	555	NA
Street Sweeper	5DW792	Athey	VA	1994	200	NA	Diesel		30	310	NA
Passenger cars											
Vehicle Description	vehicle ID #	Vehicle manufacturer	Model	Model Year	Engine horsepower rating	Tier	Fuel type used	Gallons of Fuel used	Round trip (In Miles) this Month	Round trip (In Miles) Total Project	
NA											
Overaa											
Off-Road Construction Equipment											
Equipment Description (bulldozer, grader, etc.);	vehicle ID #	Vehicle manufacturer	Model	Model Year	Engine horsepower rating	Tier	Fuel type used	Gallons of fuel used	Hours of Operation this Month	Hours of Operation Total for Project	CARB #
Forklift	Sm7n59	CAT	TL943	**2008**	**190**	**3**	**Diesel**	30	7	308	**51755013**
Forklift	G1055A	JLG	860SJ	2007	190	3	Diesel				Off Rent
Manlift		Genie	Z45	2006			Diesel				Off Rent
Manlift	12506-6015	Genie	45' R/T	2007	160	1	Gas				Off Rent
Man lift	182700	JLG	400S	2008	160	1	Diesel				Off Rent
On-Road Vehicles											
Vehicle Description (flat bed, End Dump, etc.)	vehicle ID #	Vehicle manufacturer	Model	Model Year	Engine horsepower rating	Tier	Fuel type used	Gallons of fuel used	Total Miles this Month	Total Miles this Project	
Passenger cars											
Vehicle Description	vehicle ID #	Vehicle manufacturer	Model	Model Year	Engine horsepower rating	Tier	Fuel type used	Gallons of fuel used	Round trip (In Miles) this Month	Round trip (In Miles) Total Project	
Azco											
Off-Road Construction Equipment											
Equipment Description (bulldozer, grader, etc.);	vehicle ID #	Vehicle manufacturer	Model	Model Year	Engine horsepower rating	Tier	Fuel type used	Gallons of Fuel used	Hours of Operation this Month	Hours of Operation Total for Project	CARB #
Fork lift	OFF RENT	JLG	G12-55A	2008	190	3	Diesel	*0*	0	275	OFF RENT
Fork lift	OFF RENT	JLG	G12-55A	2011	190	3	Diesel	*0*	0	150	OFF RENT
Fork lift	NM28422	CAT	CAT 4.4	2009	142	3	Diesel	*15*	30	150	KH6H96
Fork lift	NM28821	CAT	CAT 4.4	2011	142	3	Diesel	*15*	30	150	GH6X45
Crane	J6J5-7960	Link Belt	RTC8050	2003	404	3	Diesel	*120*	120	400	TB8U34
Crane	3593	Link Belt	RTC8075	2003	404	3	Diesel	*120*	120	270	EA7Y33
Crane	3632	Link Belt	RTC8075	2003	404	3	Diesel	*120*	120	150	HMH7T74
Welder	YD-MO90043	Miller	Trailblazer	2008	20	4	Diesel	*20*	40	50	NA
Welder	YE110914602	Red D Arc	DX450	2010	45	3	Diesel	*50*	100	320	NA
Welder	YE110801288	Red D Arc	DX450	2010	45	3	Diesel	*50*	100	305	NA
Manlift-JLG-84-86FT	579193RA	JLG	800-S-D-4WD	2005	65	3	Diesel	*7*	15	135	UG6J93
Manlift-JLG-84-86FT	1018621	JLG	860SJ	2008	65	3	Diesel	*7*	15	235	BE9W96
Manlift-Genie-37-44	1038492	GENIE	S-40	2008	48	3	Diesel	*7*	15	90	DK8V43
Manlift-JLG-80FT	1004836	JLG	800S	2007	65	3	Diesel	*7*	15	90	FU3R97
Manilift-Genie Z-80/	884296	Genie	Z80/60	2006	77.7	3	Diesel	*7*	15	45	EX6P73
Manlift-Genie Z-60/	899152	Genie	Z-60/34	2006	48	3	Diesel	*5*	10	40	NA
Light Tower	632136RA	Terex/Amida	AL406001	2006	13	2	Diesel	*20*	45	45	NA
Light Tower	1054336	Magnum	MLT3060	2007	13	2	Diesel	*20*	45	45	NA
Light Tower	1174716	Magnum	MLT3060	2010	13	2	Diesel	*20*	45	45	NA
Crane	8246	Manitowoc	999s3	2000	390	3	Diesel	*120*	120	360	MG8YK5
Utility Vehicle	1179889	John Deere	XUV 855D	2011	17	NA	Diesel	*25*	50	195	NA
Golf Cart	AZ1102215	EZ-GO	ST Sport II	2008	13	NA	Gas	*30*	60	195	NA
Golf Cart	1070971	EZ-GO	ST Sport II	2008	13	NA	Gas	*30*	60	195	NA
Utility Vehicle	1102221	EZ-GO	ST Sport II	2008	13	NA	Gas	*30*	60	165	NA
4 Seater Utility Vehi	839254	BOBCAT	3400DXL	2009	24.8	4	Diesel	*30*	60	195	NA
Roughl Terrain Fork	10281039	JCB	930	2007	84	3	Diesel	*0*	0	30	OFF RENT
185 Air Compressor	004-149245	Sulair	185PDQ-JD	2010	49	4	Diesel	*3*	6	60	NA

185 Air Compressor	2.01105E+11	Sulair	185PDQ-JD	2010	49	4	Diesel	*3*	6	60	NA
Generator 150	1103183	Multiquip	DCA150SS	2010	256	4	Diesel	*20*	40	485	NA
185 Compressor	902470	Atlas Copco	185	2011	49.3	4	Diesel	*5*	10	10	NA
								estimated for Aug			
Passenger cars											
Vehicle Description	**vehicle ID #**	**Vehicle manufacturer**	**Model**	**Model Year**	**Engine horsepower rating**	**Tier**	**Fuel type used**	**Gallons of Fuel used**	**Round trip (In Miles) this Month**	**Round trip (In Miles) Total Project**	
2500 HD Black	555163	GMC	2500HD	2010	380	NA	Gas	*4.0*	40	520	NA
2500 HD Black	555164	GMC	2500HD	2010	380	NA	Gas	*3.0*	30	390	NA
2500 HD Black	555171	GMC	2500HD	2011	380	NA	Gas	*3.0*	25	325	NA
2500 HD Black	555175	GMC	2500HD	2012	380	NA	Gas	*4.0*	40	200	NA
4 x 2 1/2 Ton 1500 S	1030963	DODGE	1500 SLT	2010	215	NA	Gas	*4*	40	400	NA
								estimated for Aug			
Newtron											
Off-Road Construction Equipment											
Equipment Description (bulldozer, grader, etc.);	**vehicle ID #**	**Vehicle manufacturer**	**Model**	**Model Year**	**Engine horsepower rating**	**Tier**	**Fuel type used**	**Gallons of Fuel used**	**Hours of Operation this Month**	**Hours of Operation Total for Project**	**CARB #**
Folk lift	910631	Case	586G	2004	190	3	Diesel	*325*	670	690	PG9Y68
Sky Trak grad-all	935679	JLG	10054	2006	110	3	Diesel	*450*	914	940	FK7D54
Ariel Left 450AJ	528196	JLG	450AJ	2004	4.5L	3	Diesel	*0*	0	0	DL7T75
								estimated for Aug			

From: Ralph Jefferson [mailto:rjefferson@hardermech.com]
Sent: Tuesday, September 04, 2012 12:57 PM
To: Rose, Randal/SCO
Subject: FW: Fuel for August

Here you go…..BE SAFE

Ralph Jefferson

Safety Manger

From: Barbara Limbertos [mailto:barbara@pacstatespetro.com]
Sent: Tuesday, September 04, 2012 12:32 PM
To: Ralph Jefferson
Subject: Fuel for August

Good afternoon.
Below is a breakdown for the fuel delivered during August to the San Jose site.

8/3 ~ 564.4 gallons
8/7 ~ 308.7 gallons
8/10 ~ 485 gallons
8/15~ 368.2 gallons
8/17 ~ 409 gallons
8/21 ~ 456 gallons
8/24 ~ 420.5 gallons
8/28~ 464.8 gallons
8/31~ 459.2 gallons

Barbara Limbertos
Pacific States Petroleum
800-679-1700 office
925-938-7774 fax
barbara@pacstatespetro.com

CONDITION OF CERTIFICATION
WS-4

Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

EAST BAY SAFETY, Inc.

Safety Observation Report

Date: 8/6/2012
Project: LECEF Phase 2
Location: 800 Thomas Foon Chew Way, San Jose, Ca. 95134
Role: Safety Monitor
Purpose of visit: Independent on-site safety inspection
Weather: Sunny
Site Safety Personnel: Gary Brown
Contractors observed on site: LGC, Overra, Harder, MCR, D&V, AZCO, Newtron

Overall Observations:
Work in progress inside and on top of HRSG Units

Emergency back up lighting system installed in employee/lunch tent. (Picture 1)

Base Plate grout operation in progress. (Picture 2)

Pipe Assembly in progress at various locations. (Picture 3)

Crane & Platform assembly in progress. (Picture 4)

AZCO employees working from an unsafe work platform. (Picture 5) Discussed with Gary Brown





1 2

Positive Observations:
Attended Safety Meeting: Topics: Safety as a Value, Heat Illness Prevention & Hydration, Barricades & Tag Policy, Scaffold Tag Policy, Housekeeping-Excellent and Spot Awards.

Individual contractor safety meetings conducted.

AZCO stretch session conducted.

Safety Procedures & Practices:
Met with Gary Brown and discussed the following:
Above observations, safety procedures and practices, site conditions, Emergency Evacuation Drill on 8/2/2012, Barricades & Tags, Emergency Contacts & Clinic Information and Posting, OSHA Fall Protection Policy and Safe Work Platform Policy.

Bill Bellm 8/6/2012
Signature Date

EAST BAY SAFETY, Inc.

Safety Observation Report

Date: 8/13/2012
Project: LECEF Phase 2
Location: 800 Thomas Foon Chew Way, San Jose, Ca. 95134
Role: Safety Monitor
Purpose of visit: Independent on-site safety inspection
Weather: Sunny
Site Safety Personnel: Gary Brown
Contractors observed on site: LGC, Overra, Harder, MCR, D&V, AZCO, Newtron

Overall Observations:
Work in progress inside and on top of HRSG Units

Rebar placement in progress at south side of STG. (Picture 1)

Welding repair in progress on pipe racks. (Picture 2)

Work in progress inside and outside of Switch Yard. (Pictures 3 & 4)

Witnessed a Harder employee ascending the outside stairs carrying a propane tank and tools without a free hand for the hand rail. Discussed stair policy with Gary Brown.


1


2


3


4

Positive Observations:
Attended Safety Meeting: Topics: Heat/Hydration, PPE policy, Steam Generator Area Restricted Access, Ranch Drive PG&E Testing Schedule and Spot Awards.

Safety Procedures & Practices:
Met with Gary Brown and discussed the following:
Above observations, safety procedures and practices and site conditions.

Reviewed the Critical Lift Plan for the upcoming STG Turbine & Generator Lift, The Switch Yard Entrance Protocol, Safe Work Zones and PPE Requirements and the First Aid Cases from the week of 8/5/2012.

Bill Bellm 8/13/2012
Signature Date

EAST BAY SAFETY, Inc.

Safety Observation Report

Date: 8/27/2012
Project: LECEF Phase 2
Location: 800 Thomas Foon Chew Way, San Jose, Ca. 95134
Role: Safety Monitor
Purpose of visit: Independent on-site safety inspection
Weather: Sunny
Site Safety Personnel: Gary Brown, Craig Bellew
Contractors observed on site: LGC, Overra, Harder, MCR, D&V, AZCO, Newtron

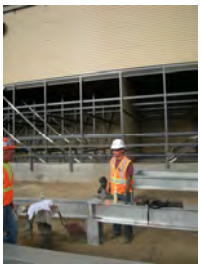
Overall Observations:
Work in progress inside and on top of HRSG Units

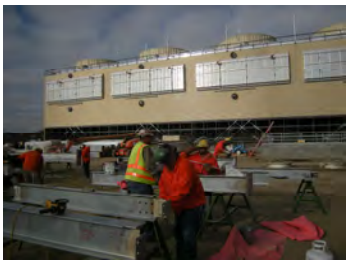
NDE of rework of shop welds on pipe racks in progress (Picture 1)

Welding repair in progress on pipe racks. (Pictures 2)

Preparations for assembly in progress at STG. (Picture 3)

Pipe assembly in progress at various locations (Picture 4)


1


2


3


4

Positive Observations:
Attended Safety Meeting: Topics: Safety as a Value, Injury Reporting Policy, Lifting Policy, Smoking Policy, STG Access Policy, Spot Awards and Safety Observations & Suggestions Program.

Employees using fall arrest system when accessing scaffold ladders (Picture 5)

Safety Procedures & Practices:
Met with Gary Brown & Craig Bellew and discussed safety personnel changes.

Bill Bellew 8/27/2012
Signature Date

EAST BAY SAFETY, Inc.

Safety Observation Report

Date: 8/20/2012
Project: LECEF Phase 2
Location: 800 Thomas Foon Chew Way, San Jose, Ca. 95134
Role: Safety Monitor
Purpose of visit: Independent on-site safety inspection
Weather: Sunny
Site Safety Personnel: Gary Brown
Contractors observed on site: LGC, Overra, Harder, MCR, D&V, AZCO, Newtron

Overall Observations:
Work in progress inside and on top of HRSG Units

Concrete placement in progress at south side of STG (Picture 1)

Scaffold erection in progress at various locations (Picture 2)

Pipe assembly in progress at various locations (Picture 3)

Work in progress on Steam Turbine Pedestal (Picture 4)


1


2


3


4

Positive Observations:
Attended Safety Meeting: Topics: Safety as a Value, Safety Observations, Heat/Hydration, Parking Congestion, Site Access/Egress Policy and Lunch-Badge In and Out Policy.

Safety Procedures & Practices:
Met with Gary Brown and discussed the following:
Above observations and safety procedures and practices, site conditions, Thursday subcontractors safety meeting, safe behavior observation report, LG night shift safety manager and man-lift inspection & permit.

Bill Bellon 8/20/2012
Signature Date

August - 2012

Employer	Hours Worked	NM	ENV	FA	REC	TRIR	RDC	RDCR	DAC	DACR
LGC Staff	6,740	0	0	1	0	0.00	0	0.00	0	0.00
Overra	1,960	0	0	0	0	0.00	0	0.00	0	0.00
Harder	38,502	0	0	2	0	0.00	0	0.00	0	0.00
Kier-Wright		0	0	0	0	0.00	0	0.00	0	0.00
TRC		0	0	0	0	0.00	0	0.00	0	0.00
TLG	750	0	0	0	0	0.00	0	0.00	0	0.00
Hanson Pressure Pipe		0	0	0	0	0.00	0	0.00	0	0.00
Contra Costa Electric		0	0	0	0	0.00	0	0.00	0	0.00
MJ Electric	0	0	0	0	0	0.00	0	0.00	0	0.00
Telecom Plus		0	0	0	0	0.00	0	0.00	0	0.00
Bay Area Construction		0	0	0	0	0.00	0	0.00	0	0.00
CMT	1,330	0	0	0	0	0.00	0	0.00	0	0.00
DSM		0	0	0	0	0.00	0	0.00	0	0.00
McClure Electric		0	0	0	0	0.00	0	0.00	0	0.00
N. American Demolition		0	0	0	0	0.00	0	0.00	0	0.00
AZCO	29,122	0	0	5	0	0.00	0	0.00	0	0.00
Newtron	7,006	0	0	0	0	0.00	0	0.00	0	0.00
		0	0	0	0	0.00	0	0.00	0	0.00
		0	0	0	0	0.00	0	0.00	0	0.00
		0	0	0	0	0.00	0	0.00	0	0.00
Project Totals (LGC)	85,410	0	0	8	0	0.00	0	0.00	0	0.00
CCMCI	664	0	0	0	0	0.00	0	0.00	0	0.00
Water Cooling Depot		0	0	0	0	0.00	0	0.00	0	0.00
Project Totals (Client)	664	0	0	0	0	0.00	0	0.00	0	0.00
		0	0	0	0	0.00	0	0.00	0	0.00
Project Totals (Combined)	86,074	0	0	8	0	0.00	0	0.00	0	0.00

Year to Date - 2012

Employer	Hours Worked	NM	ENV	FA	REC	TRIR	RDC	RDCR	DAC	DACR
LGC Staff	37,350	0	0	1	0	0.00	0	0.00	0	0.00
Overra	18,728	0	1	0	0	0.00	0	0.00	0	0.00
Harder	174,914	3	3	3	1	1.14	0	0.00	0	0.00
Kier-Wright	227	0	0	0	0	0.00	0	0.00	0	0.00
TRC	0	0	0	0	0	0.00	0	0.00	0	0.00
TLG	5,848	0	0	0	0	0.00	0	0.00	0	0.00
Hanson Pressure Pipe	0	0	0	0	0	0.00	0	0.00	0	0.00
Contra Costa Electric	0	0	0	0	0	0.00	0	0.00	0	0.00
MJ Electric	11,179	0	0	0	0	0.00	0	0.00	0	0.00
Telecom Plus	0	0	0	0	0	0.00	0	0.00	0	0.00
Bay Area Construction	0	0	0	0	0	0.00	0	0.00	0	0.00
CMT	3,943	0	0	0	0	0.00	0	0.00	0	0.00
DSM	0	0	0	0	0	0.00	0	0.00	0	0.00
McClure Electric	28	0	0	0	0	0.00	0	0.00	0	0.00
N. American Demolition	5,908	1	0	0	0	0.00	0	0.00	0	0.00
AZCO	56,853	0	0	5	0	0.00	0	0.00	0	0.00
Newtron	13,260	0	0	0	0	0.00	0	0.00	0	0.00
	0	0	0	0	0	0.00	0	0.00	0	0.00
	0	0	0	0	0	0.00	0	0.00	0	0.00
	0	0	0	0	0	0.00	0	0.00	0	0.00
Project Totals (LGC)	328,238	4	4	9	1	0.61	0	0.00	0	0.00
CCMCI	5,758	0	0	0	0	0.00	0	0.00	0	0.00
Water Cooling Depot	9,799	0	0	0	0	0.00	0	0.00	0	0.00
Project Totals (Client)	15,557	0	0	0	0	0.00	0	0.00	0	0.00
	0	0	0	0	0	0.00	0	0.00	0	0.00
Project Totals (Combined)	343,795	4	4	9	1	0.58	0	0.00	0	0.00

Project to Date

Employer	Hours Worked	NM	ENV	FA	REC	TRIR	RDC	RDCR	DAC	DACR
LGC Staff	56,666	1	0	3	0	0.00	0	0.00	0	0.00
Overra	44,042	2	4	0	0	0.00	0	0.00	0	0.00
Harder	193,797	8	3	5	1	1.03	0	0.00	0	0.00
Kier-Wright	339	0	0	0	0	0.00	0	0.00	0	0.00
TRC	314	0	0	0	0	0.00	0	0.00	0	0.00
TLG	7,782	0	0	0	0	0.00	0	0.00	0	0.00
Hanson Pressure Pipe	100	0	0	0	0	0.00	0	0.00	0	0.00
Contra Costa Electric	100	0	0	0	0	0.00	0	0.00	0	0.00
MJ Electric	12,676	0	1	0	0	0.00	0	0.00	0	0.00
Telecom Plus	1,171	0	0	0	0	0.00	0	0.00	0	0.00
Bay Area Construction	965	0	0	0	0	0.00	0	0.00	0	0.00
CMT	4,926	0	0	0	0	0.00	0	0.00	0	0.00
DSM	387	0	0	0	0	0.00	0	0.00	0	0.00
McClure Electric	303	0	0	0	0	0.00	0	0.00	0	0.00
N. American Demolition	5,908	1	0	0	0	0.00	0	0.00	0	0.00
AZCO	56,853	0	0	5	0	0.00	0	0.00	0	0.00
Newtron	13,260	0	0	0	0	0.00	0	0.00	0	0.00
	0	0	0	0	0	0.00	0	0.00	0	0.00
	0	0	0	0	0	0.00	0	0.00	0	0.00
	0	0	0	0	0	0.00	0	0.00	0	0.00
Project Totals (LGC)	399,589	12	8	13	1	0.50	0	0.00	0	0.00
CCMCI	11,105	1	0	0	0	0.00	0	0.00	0	0.00
Water Cooling Depot	14,996	2	0	0	0	0.00	0	0.00	0	0.00
Project Totals (Client)	26,101	3	0	0	0	0.00	0	0.00	0	0.00
	0	0	0	0	0	0.00	0	0.00	0	0.00
Project Totals (Combined)	425,690	15	8	13	1	0.47	0	0.00	0	0.00

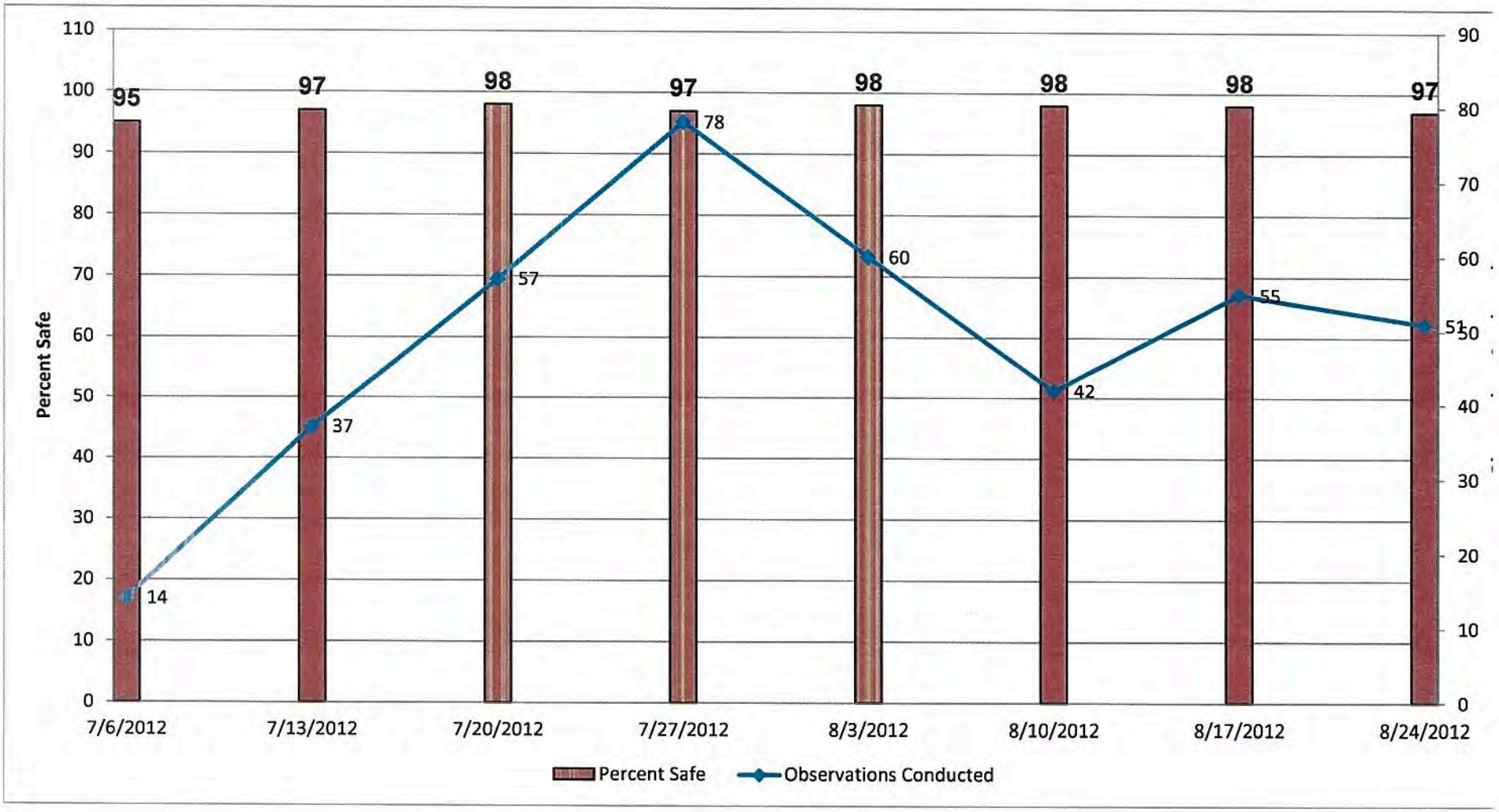
Legend: NM=Near Miss; ENV= Environmental Case; FA=First Aid; REC=Recordable; TRIR=Total Recordable Injury Rate; RDC=Restricted Duty Case; RDCR=Restricted Duty Case Rate; DAC=Days Away Case; DACR=Days Away Case Rate

Safe Behavior Observation Report

Parameter	Selection
Week Ending Date	08/24/2012
Project Name	Power-Los Esteros (LECEF)
Subcontractor Name	ALL
Client Group	ALL
Business Group	ALL
Sub Business Group	ALL
Area	ALL
Geographic Region	ALL
Province	ALL
Theater	ALL
International Region	ALL
Country	ALL

Safe Behavior Observations - Graph

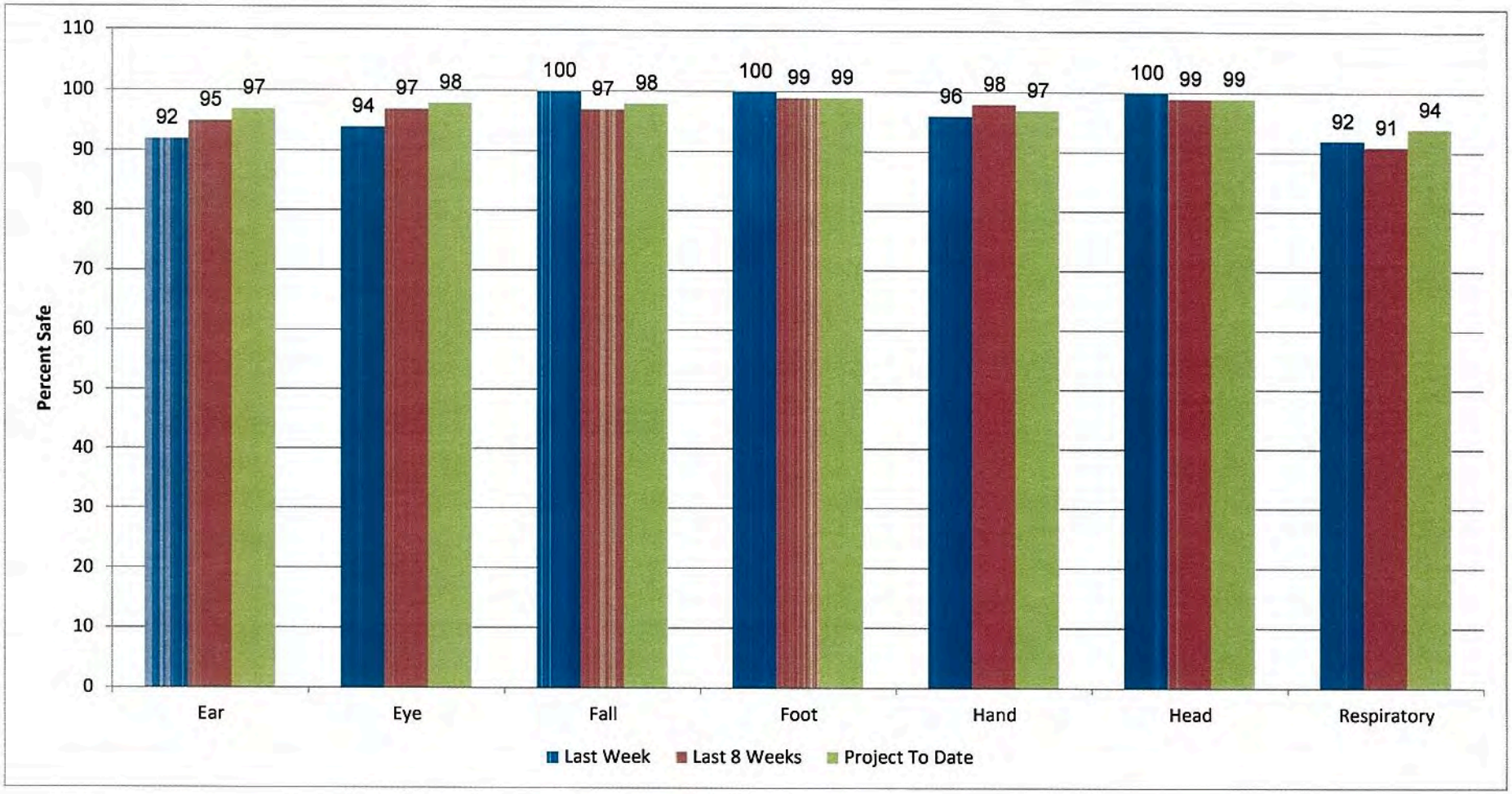
Target: 98% Safe

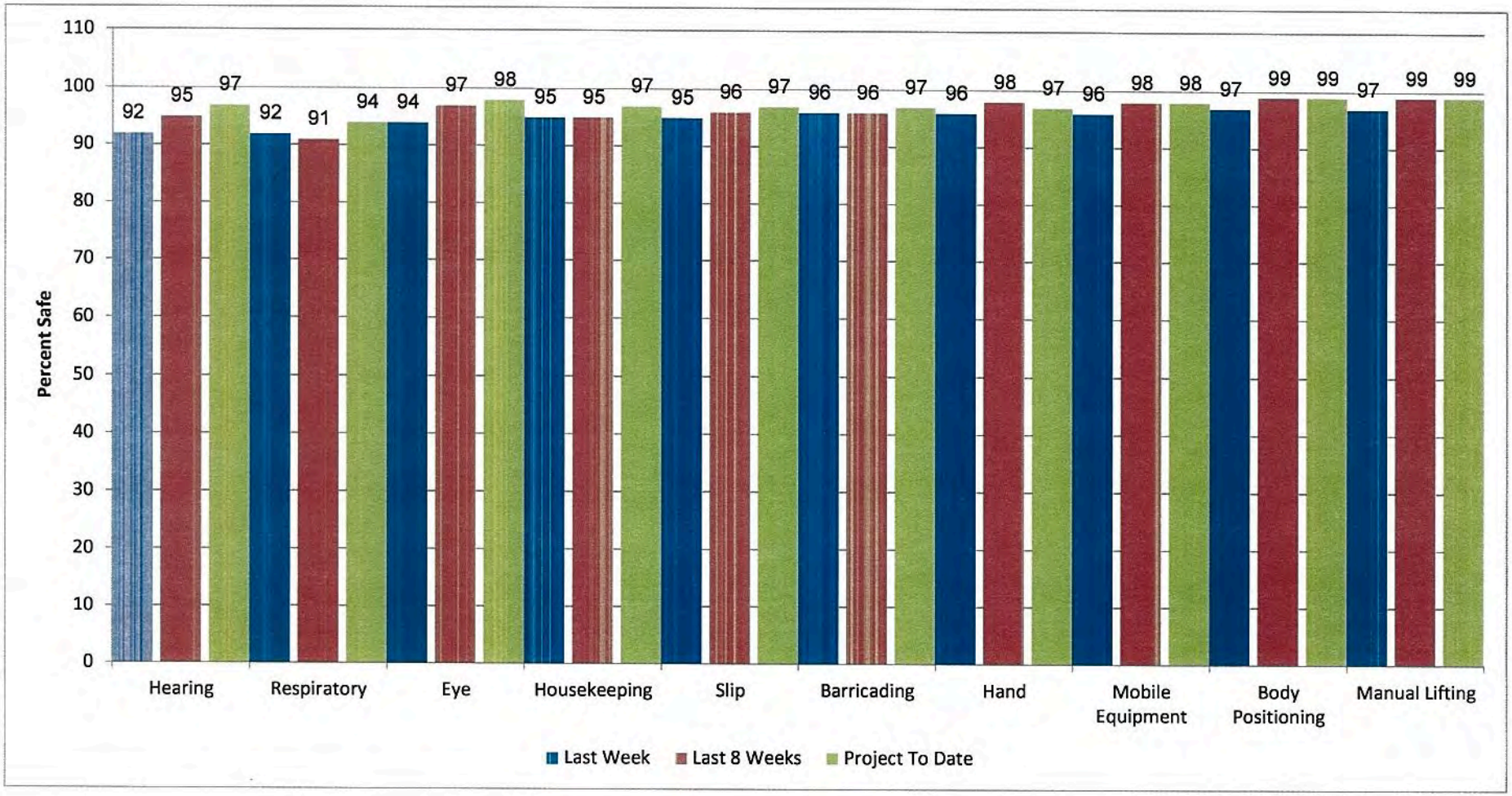


Safe Behavior Observations - Detail

Week Ending	7/6/2012		7/13/2012		7/20/2012		7/27/2012		8/3/2012		8/10/2012		8/17/2012	
	Safe	At-Risk	Safe	At-Risk	Safe	At-Risk	Safe	At-Risk	Safe	At-Risk	Safe	At-Risk	Safe	At-Risk
Aerial Lifts	4	0	7	0	17	0	16	1	9	0	3	0	11	0
Barricading	6	0	21	1	34	0	43	3	29	0	21	0	30	2
Body Positioning	11	0	33	0	52	0	64	1	54	1	40	0	48	0
Confined Space	1	0	0	0	1	0	5	0	3	0	1	0	2	0
Electrical	6	0	22	0	39	0	44	1	37	0	25	0	32	0
Excavations	2	0	2	0	7	0	4	2	3	0	3	0	5	0
Eye	13	1	36	1	54	2	75	1	60	0	41	1	54	1
Fall Protection	4	0	16	0	22	0	29	2	24	1	10	0	21	0
Foot	14	0	35	1	56	1	76	0	60	0	42	0	54	0
Hand	13	1	36	1	56	1	75	0	59	0	41	1	55	0
Head	12	2	37	0	57	0	74	1	60	0	42	0	55	0
Hearing	7	0	16	1	30	0	51	2	30	2	19	1	27	1
Housekeeping	10	1	32	2	51	3	70	5	56	2	39	0	49	0
Ladders	1	0	8	0	16	0	22	2	23	0	11	1	14	0
Lockout	0	0	0	0	0	0	1	0	1	0	0	0	0	0
Manual Lifting	9	0	28	0	41	0	57	0	48	0	33	0	41	0
Mobile Equipment	8	0	14	0	37	1	37	0	26	0	19	0	26	0
Other	0	1	1	1	3	0	1	0	0	0	0	0	0	0
Respiratory	1	0	3	0	11	2	17	1	8	0	9	2	6	0
Rigging	5	0	12	1	25	0	32	0	34	0	15	0	29	2
Scaffolds	4	0	13	1	24	0	32	0	28	0	13	0	13	0
Slip/Trip/Fall	11	1	34	1	52	1	62	7	55	1	34	0	44	1
Tools In Use	10	0	33	1	52	1	68	1	54	2	36	0	52	1
Work Permit	6	0	20	0	36	0	42	0	36	0	23	0	28	0
Totals	**158**	**7**	**459**	**12**	**773**	**12**	**997**	**30**	**797**	**9**	**520**	**6**	**696**	**8**
Percent Safe	**95.00**		**97.00**		**98.00**		**97.00**		**98.00**		**98.00**		**98.00**	

8/24/2012		Last 8 weeks		Project Totals	
Safe	At-Risk	Safe	At-Risk	Safe	At-Risk
6	0	73	1	173	2
24	1	208	7	788	17
45	1	347	3	1138	8
5	0	18	0	178	0
31	0	236	1	681	6
3	0	29	2	400	3
47	3	380	10	1189	23
18	0	144	3	338	4
50	0	387	2	1202	9
48	2	383	6	1178	30
50	0	387	3	1200	12
25	2	205	9	518	16
46	2	353	15	1146	24
16	0	111	3	398	10
0	0	2	0	127	0
43	1	300	1	1004	1
27	1	194	2	756	8
0	0	5	2	16	7
13	1	68	6	113	6
23	0	175	3	420	9
21	0	148	1	255	1
44	2	336	14	1097	24
48	1	353	7	1132	16
22	0	213	0	742	3
655	**17**	**5055**	**101**	**16189**	**239**
97.00		**98.00**		**98.00**	


110
100
90
80
70
60
50
40
30
20
10
0
Percent Safe
92
95
97
94
97
98
100
97
98
100
99
99
96
98
97
100
99
99
92
91
94
Ear
Eye
Fall
Foot
Hand
Head
Respiratory
Last Week
Last 8 Weeks
Project To Date


Percent Safe
110
100
90
80
70
60
50
40
30
20
10
0
92 95 97 92 91 94 94 97 98 95 95 97 95 96 97 96 96 97 96 98 97 96 98 98 97 99 99 97 99 99
Hearing
Respiratory
Eye
Housekeeping
Slip
Barricading
Hand
Mobile Equipment
Body Positioning
Manual Lifting
Last Week
Last 8 Weeks
Project To Date

CONDITION OF CERTIFICATION
BIO-2

Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

Biological Resources

Construction Monitoring for the

Los Esteros Critical Energy Facility

MONTHLY COMPLIANCE REPORT #15

August 2012

Prepared by:

CH2M HILL

2485 Natomas Park Drive, Suite 600

Sacramento, California 95833

Los Esteros Critical Energy Facility

MONTHLY COMPLIANCE REPORT

August 2012

TABLE OF CONTENTS

APPENDICES

INTRODUCTION

Los Esteros Critical Energy Facility LLC (the Applicant) obtained a license from the California Energy Commission (CEC) for continued operation of Phase 1 of the Los Esteros Critical Energy Facility (LECEF or the project) located in San Jose, Santa Clara County, California. Phase 1 is a nominal 180 megawatt (MW) natural-gas-fired peaking power plant consisting of four simple-cycle combustion turbine generators and associated equipment. The license also authorizes conversion of the peaker power plant to combined-cycle operation. The combined-cycle conversion will involve the addition of four heat recovery steam generators (HRSG), one steam-turbine generator (STG), a six-cell, plume-abated cooling tower, and ancillary equipment to the LECEF for a total combined nominal generating capacity of 320 MW.

The Applicant originally applied for a CEC license for Phase 1 of the LECEF in August 2001, under the expedited licensing provision promulgated under California Public Resources Code (PRC) §25552. The CEC granted the Phase 1 license in August 2002, and the LECEF was constructed and became operational in March 2003. The purpose of the Phase 2 CEC Application for Certification (AFC) was to meet the requirement of PRC §25552 by recertifying (relicensing) Phase 1 and certifying Phase 2 conversion to combined-cycle, which will allow the project to achieve much higher efficiency in generating power.

As licensed and constructed, the 21-acre LECEF Phase 1 site currently consists of the following features:

- Four GE LM6000 SPRINT combustion turbine generators (CTG) with water injection
- Oxidation catalysts and selective catalytic reduction (SCR) pollution control equipment, installed within four HRSG casings and stacks (these casings were installed during Phase 1 in anticipation of Phase 2)
- A 115-kilovolt (kV) switchyard
- A 150-foot-long, wood pole transmission line to Pacific Gas and Electric Company's (PG&E) 115-kV Los Esteros-Nortech transmission line, immediately to the west of the LECEF switchyard
- A 2,700-foot-long primary access road, named Thomas Foon Chew Way, linking LECEF with Zanker Road
- A 470-foot-long emergency access road, linking Thomas Foon Chew Way and Alviso-Milpitas Road
- A 55-foot-long, 10-inch-diameter natural gas supply line between the facility and PG&E lines 101 and 109
- Two 1,500-foot-long recycled water supply lines between the facility and the City of San Jose (the City) Waste Pollution Control Plant's (WPCP) recycled water supply pipeline in Zanker Road

- A 2,000-foot-long sanitary sewer discharge line to the City's sewer main in Zanker Road
- A 1,000-foot-long stormwater line between the LECEF and the Coyote Creek flood control channel to the east. Installation of a permanent stormwater outfall, which extended the Phase 1 temporary outfall 250 feet to the low flow channel was completed in accordance with CEC licensing requirements (Phase 1) and other permit conditions (including permits from U.S. Army Corps of Engineers [USACE], Regional Water Quality Control Board [RWQCB], and California Department of Fish and Game [CDFG]) in October 2008.
- A 370-horsepower diesel fire pump

Phase 2 of the project will add the following major equipment to the Phase 1 facility:

- HRSGs tube sections and associated steam drums and piping, to be installed within and around the existing HRSG casings
- HRSG duct burners
- A six-cell, plume-abated cooling tower
- A nominal 140 MW STG
- Circulating water pumps and boiler feedwater pumps
- A deaerating surface condenser
- A second ammonia storage tank to be installed in the existing secondary containment basin
- A 230-kV underground transmission connection to the adjacent Silicon Valley Power (SVP) 230-kV Switching Station through two 115:230-kV transformers

The Project Owner owns the 34-acre project parcel on which the LECEF Phase 1/Phase 2 facilities and temporary construction parking and laydown area are situated. All Phase 2 infrastructure (including HRSGs, STGs, cooling towers, storage tanks, various pumps, and 230-kV connection) will be sited entirely within the existing fenced Phase 1 site. The 13-acre temporary construction parking and laydown area required during Phase 2 construction is located immediately south of LECEF and north of Ranch Drive. The parking and laydown area was also used for parking and laydown during Phase 1 construction. On November 3, 2010, CH2MHILL conducted a reconnaissance of the temporary work area and noted that the site had gone fallow by ruderal grassland species with evidence of routine disking.

A supplement to the Phase 1 Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) for the LECEF (Phase 2) in the form of a technical memorandum was prepared in December 2010 as required under the conditions of certification (COCs) of the CEC license for Phase 2. The purpose of the Phase 1 BRMIMP was to ensure that actions authorized, funded, or carried out by state or federal lead agencies were not likely to jeopardize the continued existence of endangered, threatened or other special-status species. The BRMIMP described mitigation measures and guidance to protect biological resources within the Phase 1 project area. The technical memorandum reviews the existing BRMIMP, identifies potential sensitive biological resources that may occur in the proposed project area, describes the current applicability of elements of the original BRMIMP in light of the new Phase 2 license and its conditions of certification, and discusses the mitigation measures that will be implemented to

avoid and minimize impacts to sensitive biological resources during Phase 2 construction and operation. Any deficiencies in the original BRMIMP are resolved in the amendment document to comply with the new conditions of certification.

Sensitive resources that may be encountered during Phase 2 construction are limited to potential habitat for ground-nesting birds including, but not limited to, burrowing owl. The 13-acre temporary parking and laydown area is the only construction area supporting potential habitat; however routine disking that may be occurring there significantly reduces its suitability as nesting habitat. With the exception of the temporary parking and laydown area, all Phase 2 construction will take place within the existing facility footprint. As a result many of the measures and conditions included in the original BRMIMP for Phase 1 are not applicable to Phase 2.

The project was designed to avoid significant adverse impacts to sensitive biological resources to the furthest extent feasible. Protection measures were developed during informal and formal consultation with local, state, and federal agencies to minimize unavoidable project impacts. The Designated Biologist (DB) and/or Biological Monitor (BM) will be available during all phases of construction to ensure compliance with the mitigation measures outlined in the BRMIMP and supplemental memo. The following report includes a summary of the Phase 2 monitored biological activities for August 2012 (August 1 to August 31).

MONITORED MITIGATION MEASURES AND PERMIT CONDITIONS

Mitigation measures for the project site were developed through consultation with the CEC, and state and federal agencies. Documentation of compliance with any conditions of the agency permits will be included in this section when required on the project.

Conditions of Certification (COC)

All COC's were in compliance for the month of August. The following COC's, BIO-2, 4, 8, and 11, were applicable compliance measures for the month of August 2012 and require specific language to be included in each monthly compliance report. Therefore each is addressed separately below.

BIO-2. States that implementation of BRMIMP measures shall be reported in the monthly compliance reports by the DB (i.e., survey results, construction activities that were monitored, species observed). This written monthly report was prepared by the DB for the month of August and identifies survey results and construction activities (see General Notes and Observations section below) and species observed (Appendix A).

BIO-4. States that every worker will attend and participate in the Worker Environmental Awareness Program (WEAP) and the DB and/or BM make weekly site visits to ensure that BIO-4 was in compliance. During the month of August DB Todd Ellwood and BM Danielle Tannourji verified project compliance with BIO-4.

BIO-8. Addresses the implementation and application of biological impact and avoidance measures, Best Management Practices (BMPs), Stormwater Pollution Prevention Plan (SWPPP), and staking and flagging of exclusion zones of biological resources. Also, every worker must participate in the WEAP and the DB and/or BM are to make weekly site visits to ensure that BIO-8 was in compliance during the month of August. During the month of August the DB and BM Danielle Tannourji verified project compliance with BIO-8.

BIO-11. Requires that preconstruction surveys be conducted for Western burrowing owl (BUOW) for all project components (i.e., facility and laydown areas) no less than 15-days and no more than 20-days prior to the initiation of construction on each project component. Written reports summarizing results will be sent to CEC Compliance Project Manager (CPM) and California Department of Fish and Game (CDFG). Surveys for BUOW were performed during April and submitted as required in anticipation of a May 11th construction start date. The DB performed preconstruction surveys on April 29, 2011 for the project site and surrounding areas following standard survey techniques for the species. No BUOW or any potential burrow sites were observed during the preconstruction survey. A written report summarizing the results of the surveys was sent to the CPM and CDFG.

The DB and/or BM made biweekly site visits to ensure that BIO-11 remained in compliance during the month of August. The DB and BM continued searches for owl use at the two small mammal burrows located immediately adjacent to the project's temporary parking area as described in the December 2011 report. During two extended surveys on December 28, 2011 and December 30, 2011, no owl sign or activity was observed at the burrows; therefore the burrows were determined to be unoccupied by burrowing owls. As a preventative measure against future use, in January 2012 the BM installed one-way doors at the two burrow sites. No sign or activity of burrowing owls was observed in August 2012 at either of the burrows.

SUMMARY OF SITE ACTIVITIES

This section provides a summary of August 2012 project activities and associated biological monitoring. A cumulative wildlife species list is included in Appendix A. Representative photographs of construction activities are included in Appendix B. There were no wildlife encounters by site personnel during the month of August; therefore, no Wildlife Observation Forms are attached. The DB Todd Ellwood and BM Danielle Tannourji completed logs summarizing activities, personal interactions, and observations made during each site visit.

Site Construction

Construction in August included continued reconstruction of the existing HRSGs and related equipment, installation of the cooling towers, underground piping and conduit installation, and trenching and backfilling of excavations. In addition construction of the underground transmission line from the LECEF Phase 1 switchyard to the PG&E substation to the north of LECEF continued. Monitoring visits by the DB and/or BM were conducted biweekly to document permit compliance. The DB and BM were on-call all other times during the month.

Worker Environmental Awareness Training Program

The Worker Environmental Awareness Program (WEAP) was developed exclusively for the LECEF Phase 2 project. Program materials include a worker handbook, training video, posted speed limit signs and sensitive species awareness supporting posters. As required by COC BIO-4, all new employees must attend the WEAP training. A total of 151 personnel received WEAP training in August. The Calpine Safety Supervisor administered the WEAP training to new employees. Signed affidavits are kept on file by the Calpine Safety Supervisor in the site trailer.

General Daily Notes and Observations

Most of the construction is located within the fence line of the LECEF Phase 1 power plant site; however, the temporary parking lot continues to be used for worker parking and additional staging of equipment and materials. Since site construction was mostly within the fence line of the existing plant, monitoring has been reduced to every other week with weekly check in calls. The DB and/or BM covered project biological oversight. Monitoring of the site and the staging area were conducted on August 2, 16, 17, and 28 to ensure all compliance with all biological resources COCs. The monitoring efforts for August are documented below. During this monitoring effort the LECEF project was in compliance with all biological resources COCs.

On August 2, BM Danielle Tannourji was on site to monitor construction activities and staging at the temporary parking lot. Ongoing site activities included continued installation of the cooling towers, underground piping and conduit installation, and construction of various above ground infrastructure. Excavation had just begun at the switchyard for installation of the underground transmission line. Staging at the parking lot was ongoing with no biological issues noted. The road sweeper and water truck were used periodically throughout the site and the

parking lot area, respectively. During this monitoring effort the LECEF project was in compliance with all biological resources COCs.

On August 16, BM Danielle Tannourji was on site to monitor construction activities and staging at the temporary parking lot. Ongoing site activities included continued installation of the cooling towers, underground piping and conduit installation, and construction of various above ground infrastructure. Excavation was ongoing for the underground transmission line being installed from LECEF to the PG&E substation. Staging at the parking lot was ongoing with no biological issues noted. The BM conducted a nesting bird survey just south of the parking lot/staging area where additional equipment and material staging was being proposed. No bird nests or burrows which could support burrowing owls were observed in the survey area. In addition, the BM observed no active bird nests or other sensitive biological resources within or in the vicinity of overall site construction. The road sweeper and water truck were used periodically throughout the site and the parking lot area, respectively. During this monitoring effort the LECEF project was in compliance with all biological resources COCs.

On August 17, BM Danielle Tannourji was on site to conduct another nesting bird survey just north the parking lot/staging area that was proposed to be used for additional staging. No nests or burrows that could support burrowing owls were observed in the survey area. In addition, the BM observed no active bird nests or other sensitive biological resources within or in the vicinity of overall site construction. The road sweeper and water truck were used periodically throughout the site and the parking lot area, respectively. During this monitoring effort the LECEF project was in compliance with all biological resources COCs.

On August 28, DB Todd Ellwood was onsite to monitor construction activities and staging at the temporary parking lot. Ongoing site activities included continued installation of the cooling towers, underground piping and conduit installation, and construction of various above ground infrastructure. Excavation was ongoing for the underground transmission line being installed from LECEF to the PG&E substation. Staging at the parking lot was also ongoing with no biological issues noted. During this monitoring effort the LECEF project was in compliance with all biological resources COCs.

Appendix A
Cumulative Wildlife Species Observed In or Near the Project Area

Cumulative Wildlife Species Observed in or Near the LECEF Project Area

Common Name	Scientific Name	Comments
BIRDS		
Great blue heron	*Ardea herodias*	Fly over
Great egret	*Ardea alba*	Fly over
Snowy egret	*Egretta thula*	Fly over
Turkey vulture	*Cathartes aura*	Fly over
Red-tailed hawk	*Buteo jamaicensis*	Fly over
Rock pigeon (*Exotic*)	*Sterna fosteri*	Facility and laydown area
Mourning dove	*Streptopelia decaocto*	Facility and laydown area
Barn owl	*Tyto alba*	Facility
Anna's hummingbird	*Calypte anna*	Laydown area
Black phoebe	*Sayornis nigricans*	Facility and laydown area
California towhee	*Melozone crissalis*	Facility and laydown area
Western scrub-jay	*Aphelocoma californica*	Facility and laydown area
American crow	*Corvus brachyrhynchos*	Facility and laydown area
Common raven	*Corvus corax*	Facility and laydown area
Tree swallow	*Tachycineta bicolor*	Facility and laydown area
Northern mockingbird	*Mimus polyglottos*	Facility and laydown area
European starling (*Exotic*)	*Sturnus vulgaris*	Facility and laydown area
Song sparrow	*Melospiza melodia*	Facility and laydown area
White-crowned sparrow	*Zonotrichia leucophrys*	Facility and laydown area
Red-winged blackbird	*Agelaius phoeniceus*	Facility and laydown area
Brewer's blackbird	*Euphagus cyanocephalus*	Facility and laydown area
Western Meadowlark	*Sturnella neglecta*	Facility and laydown area
House finch	*Carpodacus mexicanus*	Facility and laydown area
MAMMALS		
California vole	*Microtus californicus*	Facility and laydown area
Botta's pocket gopher	*Thomomys bottae*	Facility and laydown area

Appendix B
Representative Photographs

#1. A view of project site conditions at the southern portion of the LECEF site where the new cooling towers are being constructed. Photo was taken August 16, 2012.

#2. A view facing northeast from the top of the new cooling towers at the LECEF site where construction activities continue. Photo was taken August 16, 2012.

#3. A view north of a crane positioned for installation of the new steam generator. Photo was taken on August 16, 2012.

#4. A view northeast of the PG&E substation located north of LECEF where proposed transmission line construction (open cut trenching) is occurring. Photo was taken on August 28, 2012.

CONDITION OF CERTIFICATION
BIO-4

Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

BIO-4:

Number of persons who have received WEAP training during the reporting period:

- ✓ 151
- ✓ Total to date = 1220 (As of August 31, 2012)

CONDITION OF CERTIFICATION
CUL-2

Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

Biological Resources

Construction Monitoring for the

Los Esteros Critical Energy Facility

MONTHLY COMPLIANCE REPORT #15

August 2012

Prepared by:

CH2M HILL

2485 Natomas Park Drive, Suite 600

Sacramento, California 95833

Los Esteros Critical Energy Facility

MONTHLY COMPLIANCE REPORT

August 2012

TABLE OF CONTENTS

APPENDICES

INTRODUCTION

Los Esteros Critical Energy Facility LLC (the Applicant) obtained a license from the California Energy Commission (CEC) for continued operation of Phase 1 of the Los Esteros Critical Energy Facility (LECEF or the project) located in San Jose, Santa Clara County, California. Phase 1 is a nominal 180 megawatt (MW) natural-gas-fired peaking power plant consisting of four simple-cycle combustion turbine generators and associated equipment. The license also authorizes conversion of the peaker power plant to combined-cycle operation. The combined-cycle conversion will involve the addition of four heat recovery steam generators (HRSG), one steam-turbine generator (STG), a six-cell, plume-abated cooling tower, and ancillary equipment to the LECEF for a total combined nominal generating capacity of 320 MW.

The Applicant originally applied for a CEC license for Phase 1 of the LECEF in August 2001, under the expedited licensing provision promulgated under California Public Resources Code (PRC) §25552. The CEC granted the Phase 1 license in August 2002, and the LECEF was constructed and became operational in March 2003. The purpose of the Phase 2 CEC Application for Certification (AFC) was to meet the requirement of PRC §25552 by recertifying (relicensing) Phase 1 and certifying Phase 2 conversion to combined-cycle, which will allow the project to achieve much higher efficiency in generating power.

As licensed and constructed, the 21-acre LECEF Phase 1 site currently consists of the following features:

- Four GE LM6000 SPRINT combustion turbine generators (CTG) with water injection
- Oxidation catalysts and selective catalytic reduction (SCR) pollution control equipment, installed within four HRSG casings and stacks (these casings were installed during Phase 1 in anticipation of Phase 2)
- A 115-kilovolt (kV) switchyard
- A 150-foot-long, wood pole transmission line to Pacific Gas and Electric Company's (PG&E) 115-kV Los Esteros-Nortech transmission line, immediately to the west of the LECEF switchyard
- A 2,700-foot-long primary access road, named Thomas Foon Chew Way, linking LECEF with Zanker Road
- A 470-foot-long emergency access road, linking Thomas Foon Chew Way and Alviso-Milpitas Road
- A 55-foot-long, 10-inch-diameter natural gas supply line between the facility and PG&E lines 101 and 109
- Two 1,500-foot-long recycled water supply lines between the facility and the City of San Jose (the City) Waste Pollution Control Plant's (WPCP) recycled water supply pipeline in Zanker Road

- A 2,000-foot-long sanitary sewer discharge line to the City's sewer main in Zanker Road
- A 1,000-foot-long stormwater line between the LECEF and the Coyote Creek flood control channel to the east. Installation of a permanent stormwater outfall, which extended the Phase 1 temporary outfall 250 feet to the low flow channel was completed in accordance with CEC licensing requirements (Phase 1) and other permit conditions (including permits from U.S. Army Corps of Engineers [USACE], Regional Water Quality Control Board [RWQCB], and California Department of Fish and Game [CDFG]) in October 2008.
- A 370-horsepower diesel fire pump

Phase 2 of the project will add the following major equipment to the Phase 1 facility:

- HRSGs tube sections and associated steam drums and piping, to be installed within and around the existing HRSG casings
- HRSG duct burners
- A six-cell, plume-abated cooling tower
- A nominal 140 MW STG
- Circulating water pumps and boiler feedwater pumps
- A deaerating surface condenser
- A second ammonia storage tank to be installed in the existing secondary containment basin
- A 230-kV underground transmission connection to the adjacent Silicon Valley Power (SVP) 230-kV Switching Station through two 115:230-kV transformers

The Project Owner owns the 34-acre project parcel on which the LECEF Phase 1/Phase 2 facilities and temporary construction parking and laydown area are situated. All Phase 2 infrastructure (including HRSGs, STGs, cooling towers, storage tanks, various pumps, and 230-kV connection) will be sited entirely within the existing fenced Phase 1 site. The 13-acre temporary construction parking and laydown area required during Phase 2 construction is located immediately south of LECEF and north of Ranch Drive. The parking and laydown area was also used for parking and laydown during Phase 1 construction. On November 3, 2010, CH2MHILL conducted a reconnaissance of the temporary work area and noted that the site had gone fallow by ruderal grassland species with evidence of routine disking.

A supplement to the Phase 1 Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) for the LECEF (Phase 2) in the form of a technical memorandum was prepared in December 2010 as required under the conditions of certification (COCs) of the CEC license for Phase 2. The purpose of the Phase 1 BRMIMP was to ensure that actions authorized, funded, or carried out by state or federal lead agencies were not likely to jeopardize the continued existence of endangered, threatened or other special-status species. The BRMIMP described mitigation measures and guidance to protect biological resources within the Phase 1 project area. The technical memorandum reviews the existing BRMIMP, identifies potential sensitive biological resources that may occur in the proposed project area, describes the current applicability of elements of the original BRMIMP in light of the new Phase 2 license and its conditions of certification, and discusses the mitigation measures that will be implemented to

avoid and minimize impacts to sensitive biological resources during Phase 2 construction and operation. Any deficiencies in the original BRMIMP are resolved in the amendment document to comply with the new conditions of certification.

Sensitive resources that may be encountered during Phase 2 construction are limited to potential habitat for ground-nesting birds including, but not limited to, burrowing owl. The 13-acre temporary parking and laydown area is the only construction area supporting potential habitat; however routine disking that may be occurring there significantly reduces its suitability as nesting habitat. With the exception of the temporary parking and laydown area, all Phase 2 construction will take place within the existing facility footprint. As a result many of the measures and conditions included in the original BRMIMP for Phase 1 are not applicable to Phase 2.

The project was designed to avoid significant adverse impacts to sensitive biological resources to the furthest extent feasible. Protection measures were developed during informal and formal consultation with local, state, and federal agencies to minimize unavoidable project impacts. The Designated Biologist (DB) and/or Biological Monitor (BM) will be available during all phases of construction to ensure compliance with the mitigation measures outlined in the BRMIMP and supplemental memo. The following report includes a summary of the Phase 2 monitored biological activities for August 2012 (August 1 to August 31).

MONITORED MITIGATION MEASURES AND PERMIT CONDITIONS

Mitigation measures for the project site were developed through consultation with the CEC, and state and federal agencies. Documentation of compliance with any conditions of the agency permits will be included in this section when required on the project.

Conditions of Certification (COC)

All COC's were in compliance for the month of August. The following COC's, BIO-2, 4, 8, and 11, were applicable compliance measures for the month of August 2012 and require specific language to be included in each monthly compliance report. Therefore each is addressed separately below.

BIO-2. States that implementation of BRMIMP measures shall be reported in the monthly compliance reports by the DB (i.e., survey results, construction activities that were monitored, species observed). This written monthly report was prepared by the DB for the month of August and identifies survey results and construction activities (see General Notes and Observations section below) and species observed (Appendix A).

BIO-4. States that every worker will attend and participate in the Worker Environmental Awareness Program (WEAP) and the DB and/or BM make weekly site visits to ensure that BIO-4 was in compliance. During the month of August DB Todd Ellwood and BM Danielle Tannourji verified project compliance with BIO-4.

BIO-8. Addresses the implementation and application of biological impact and avoidance measures, Best Management Practices (BMPs), Stormwater Pollution Prevention Plan (SWPPP), and staking and flagging of exclusion zones of biological resources. Also, every worker must participate in the WEAP and the DB and/or BM are to make weekly site visits to ensure that BIO-8 was in compliance during the month of August. During the month of August the DB and BM Danielle Tannourji verified project compliance with BIO-8.

BIO-11. Requires that preconstruction surveys be conducted for Western burrowing owl (BUOW) for all project components (i.e., facility and laydown areas) no less than 15-days and no more than 20-days prior to the initiation of construction on each project component. Written reports summarizing results will be sent to CEC Compliance Project Manager (CPM) and California Department of Fish and Game (CDFG). Surveys for BUOW were performed during April and submitted as required in anticipation of a May 11th construction start date. The DB performed preconstruction surveys on April 29, 2011 for the project site and surrounding areas following standard survey techniques for the species. No BUOW or any potential burrow sites were observed during the preconstruction survey. A written report summarizing the results of the surveys was sent to the CPM and CDFG.

The DB and/or BM made biweekly site visits to ensure that BIO-11 remained in compliance during the month of August. The DB and BM continued searches for owl use at the two small mammal burrows located immediately adjacent to the project's temporary parking area as described in the December 2011 report. During two extended surveys on December 28, 2011 and December 30, 2011, no owl sign or activity was observed at the burrows; therefore the burrows were determined to be unoccupied by burrowing owls. As a preventative measure against future use, in January 2012 the BM installed one-way doors at the two burrow sites. No sign or activity of burrowing owls was observed in August 2012 at either of the burrows.

SUMMARY OF SITE ACTIVITIES

This section provides a summary of August 2012 project activities and associated biological monitoring. A cumulative wildlife species list is included in Appendix A. Representative photographs of construction activities are included in Appendix B. There were no wildlife encounters by site personnel during the month of August; therefore, no Wildlife Observation Forms are attached. The DB Todd Ellwood and BM Danielle Tannourji completed logs summarizing activities, personal interactions, and observations made during each site visit.

Site Construction

Construction in August included continued reconstruction of the existing HRSGs and related equipment, installation of the cooling towers, underground piping and conduit installation, and trenching and backfilling of excavations. In addition construction of the underground transmission line from the LECEF Phase 1 switchyard to the PG&E substation to the north of LECEF continued. Monitoring visits by the DB and/or BM were conducted biweekly to document permit compliance. The DB and BM were on-call all other times during the month.

Worker Environmental Awareness Training Program

The Worker Environmental Awareness Program (WEAP) was developed exclusively for the LECEF Phase 2 project. Program materials include a worker handbook, training video, posted speed limit signs and sensitive species awareness supporting posters. As required by COC BIO-4, all new employees must attend the WEAP training. A total of 151 personnel received WEAP training in August. The Calpine Safety Supervisor administered the WEAP training to new employees. Signed affidavits are kept on file by the Calpine Safety Supervisor in the site trailer.

General Daily Notes and Observations

Most of the construction is located within the fence line of the LECEF Phase 1 power plant site; however, the temporary parking lot continues to be used for worker parking and additional staging of equipment and materials. Since site construction was mostly within the fence line of the existing plant, monitoring has been reduced to every other week with weekly check in calls. The DB and/or BM covered project biological oversight. Monitoring of the site and the staging area were conducted on August 2, 16, 17, and 28 to ensure all compliance with all biological resources COCs. The monitoring efforts for August are documented below. During this monitoring effort the LECEF project was in compliance with all biological resources COCs.

On August 2, BM Danielle Tannourji was on site to monitor construction activities and staging at the temporary parking lot. Ongoing site activities included continued installation of the cooling towers, underground piping and conduit installation, and construction of various above ground infrastructure. Excavation had just begun at the switchyard for installation of the underground transmission line. Staging at the parking lot was ongoing with no biological issues noted. The road sweeper and water truck were used periodically throughout the site and the

parking lot area, respectively. During this monitoring effort the LECEF project was in compliance with all biological resources COCs.

On August 16, BM Danielle Tannourji was on site to monitor construction activities and staging at the temporary parking lot. Ongoing site activities included continued installation of the cooling towers, underground piping and conduit installation, and construction of various above ground infrastructure. Excavation was ongoing for the underground transmission line being installed from LECEF to the PG&E substation. Staging at the parking lot was ongoing with no biological issues noted. The BM conducted a nesting bird survey just south of the parking lot/staging area where additional equipment and material staging was being proposed. No bird nests or burrows which could support burrowing owls were observed in the survey area. In addition, the BM observed no active bird nests or other sensitive biological resources within or in the vicinity of overall site construction. The road sweeper and water truck were used periodically throughout the site and the parking lot area, respectively. During this monitoring effort the LECEF project was in compliance with all biological resources COCs.

On August 17, BM Danielle Tannourji was on site to conduct another nesting bird survey just north the parking lot/staging area that was proposed to be used for additional staging. No nests or burrows that could support burrowing owls were observed in the survey area. In addition, the BM observed no active bird nests or other sensitive biological resources within or in the vicinity of overall site construction. The road sweeper and water truck were used periodically throughout the site and the parking lot area, respectively. During this monitoring effort the LECEF project was in compliance with all biological resources COCs.

On August 28, DB Todd Ellwood was onsite to monitor construction activities and staging at the temporary parking lot. Ongoing site activities included continued installation of the cooling towers, underground piping and conduit installation, and construction of various above ground infrastructure. Excavation was ongoing for the underground transmission line being installed from LECEF to the PG&E substation. Staging at the parking lot was also ongoing with no biological issues noted. During this monitoring effort the LECEF project was in compliance with all biological resources COCs.

Appendix A
Cumulative Wildlife Species Observed In or Near the Project Area

Cumulative Wildlife Species Observed in or Near the LECEF Project Area

Common Name	Scientific Name	Comments
BIRDS		
Great blue heron	*Ardea herodias*	Fly over
Great egret	*Ardea alba*	Fly over
Snowy egret	*Egretta thula*	Fly over
Turkey vulture	*Cathartes aura*	Fly over
Red-tailed hawk	*Buteo jamaicensis*	Fly over
Rock pigeon (*Exotic*)	*Sterna fosteri*	Facility and laydown area
Mourning dove	*Streptopelia decaocto*	Facility and laydown area
Barn owl	*Tyto alba*	Facility
Anna's hummingbird	*Calypte anna*	Laydown area
Black phoebe	*Sayornis nigricans*	Facility and laydown area
California towhee	*Melozone crissalis*	Facility and laydown area
Western scrub-jay	*Aphelocoma californica*	Facility and laydown area
American crow	*Corvus brachyrhynchos*	Facility and laydown area
Common raven	*Corvus corax*	Facility and laydown area
Tree swallow	*Tachycineta bicolor*	Facility and laydown area
Northern mockingbird	*Mimus polyglottos*	Facility and laydown area
European starling (*Exotic*)	*Sturnus vulgaris*	Facility and laydown area
Song sparrow	*Melospiza melodia*	Facility and laydown area
White-crowned sparrow	*Zonotrichia leucophrys*	Facility and laydown area
Red-winged blackbird	*Agelaius phoeniceus*	Facility and laydown area
Brewer's blackbird	*Euphagus cyanocephalus*	Facility and laydown area
Western Meadowlark	*Sturnella neglecta*	Facility and laydown area
House finch	*Carpodacus mexicanus*	Facility and laydown area
MAMMALS		
California vole	*Microtus californicus*	Facility and laydown area
Botta's pocket gopher	*Thomomys bottae*	Facility and laydown area

Appendix B
Representative Photographs

#1. A view of project site conditions at the southern portion of the LECEF site where the new cooling towers are being constructed. Photo was taken August 16, 2012.

#2. A view facing northeast from the top of the new cooling towers at the LECEF site where construction activities continue. Photo was taken August 16, 2012.

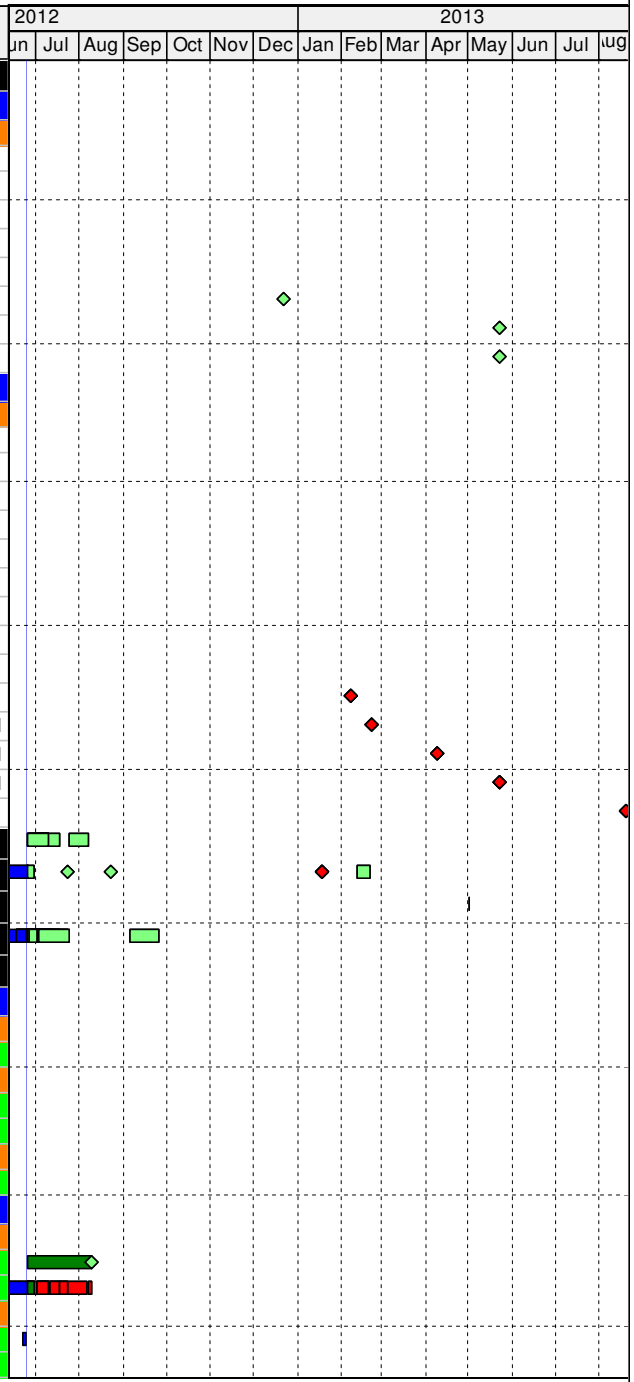
#3. A view north of a crane positioned for installation of the new steam generator. Photo was taken on August 16, 2012.

#4. A view northeast of the PG&E substation located north of LECEF where proposed transmission line construction (open cut trenching) is occurring. Photo was taken on August 28, 2012.

CONDITION OF CERTIFICATION
CUL-4

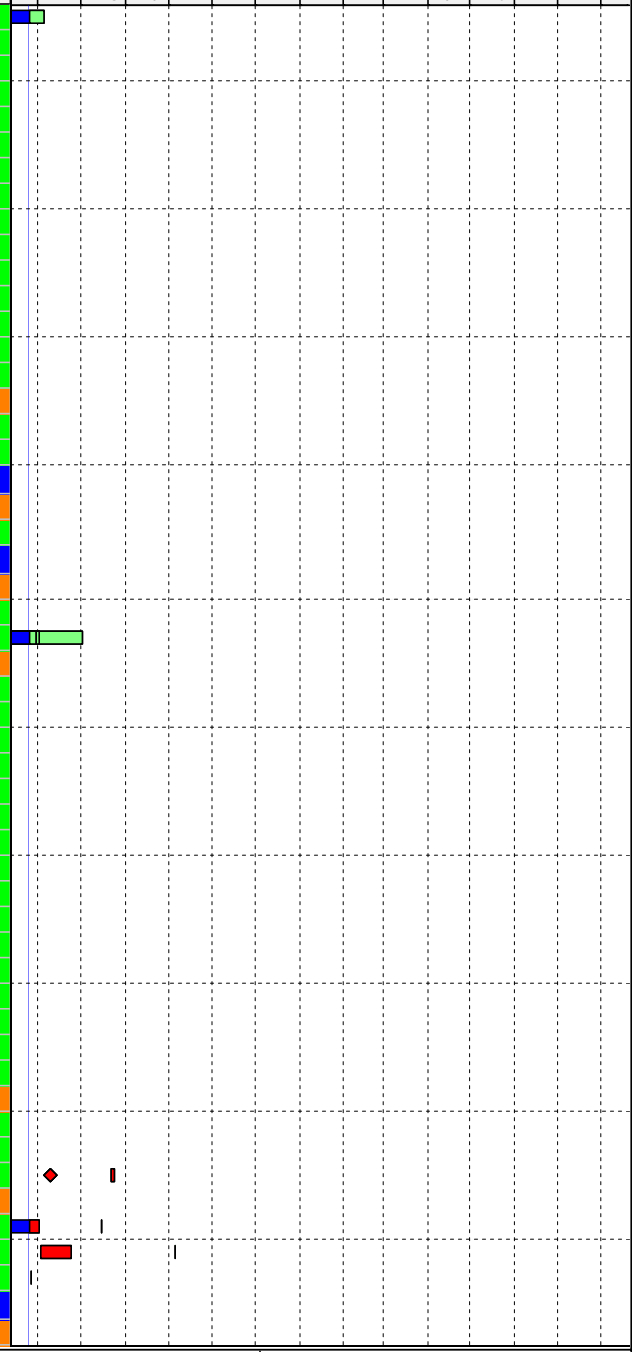
Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

Activity ID	Activity Name	OD	RD	Physical % complete	Start	Finish	TF
MILESTONES							
CONTRACT MILESTONES							
MILESTONES							
MILESTONES							
MS0100	WWOA AUTHORIZED / NETWORK BEGIN	0d	0d	100%	17-Jan-11 A		
MS0102	LIMITED NOTICE TO PROCEED	0d	0d	100%	03-Feb-11 A		
MS1000	SCHEDULED FULL NOTICE TO PROCEED	0d	0d	100%	15-Mar-11 A		
MS1096	MEANINGFUL CONSTRUCTION ACHIEVED	0d	0d	100%		23-Jun-11 A	
MS1085	NAT GAS AVAILABLE BY OWNER	0d	0d	0%		22-Dec-12	50d
MS1090G	GUARANTEED SUBSTANTIAL COMPLETION (6-1-13)	0d	0d	0%		22-May-13*	10d
MS1090D	SUBSTANTIAL COMPLETION - EXHIBIT D (6-1-13)	0d	0d	0%		22-May-13*	10d
PROJECT MILESTONES							
MILESTONES							
MILESTONES							
MS0500	ENGR RELEASE	0d	0d	100%	03-Feb-11 A		
MS0104	MOBILIZE TO PROJECT SITE	0d	0d	100%	09-May-11 A		
MS1010	START CONSTRUCTION	0d	0d	100%	09-May-11 A		
MS1010A	START MEANINGFUL CONSTRUCTION	0d	0d	100%	23-May-11 A		
MS1095B	MEANINGFUL CONSTRUCTION UG CW PIPING	0d	0d	100%		17-Jun-11 A	
MS1095a	MEANINGFUL CONSTRUCTION COOLING TOWER	0d	0d	100%		23-Jun-11 A	
CS0CTWR1	COOLING TOWER FNDN COMPLETE	0d	0d	100%		07-Oct-11 A	
CS0CTWR1	COOLING TOWER ERECTION START	0d	0d	100%	12-Oct-11 A		
CS2RFF1	READY FOR RE-FIRE 3&2	0d	0d	0%		07-Feb-13	-6d
CS2RFF2	READY FOR RE-FIRE 4&1	0d	0d	0%		21-Feb-13	-12d
EP2106	STG INITIAL SYNC (First Roll)	0d	0d	0%		09-Apr-13	-21d
EP0090	TARGET SUBSTANTIAL COMPLETION (5-1-13)	0d	0d	0%		22-May-13*	-21d
MS9000	PROJECT DEMOBILIZATION	0d	0d	0%		19-Aug-13	0d
CALPINE							
CALPINE PROVIDED EQUIPMENT							
LNTP APPENDIX SUBMITTALS / DELIVERABLES							
CBO-California Building Reviews							
ENGINEERING							
CIVIL							
DESIGN PACKAGES							
CIVIL							
ENGINEERING PACKAGES							
GEOTECHNICAL INVESTIGATIONS, STUDIES, AND RECOMMENDATIONS							
INITIAL SITE SURVEYING							
CONSTRUCTION PACKAGES							
GENERAL SITE WORK							
STRUCTURAL							
DESIGN PACKAGES							
OVERALL PROJECT MANAGEMENT/EXECUTION							
STRUCTURAL							
BULK MATERIALS AND ENGINEERED ITEMS							
REINFORCING STEEL							
EMBEDDED STEEL ITEMS							

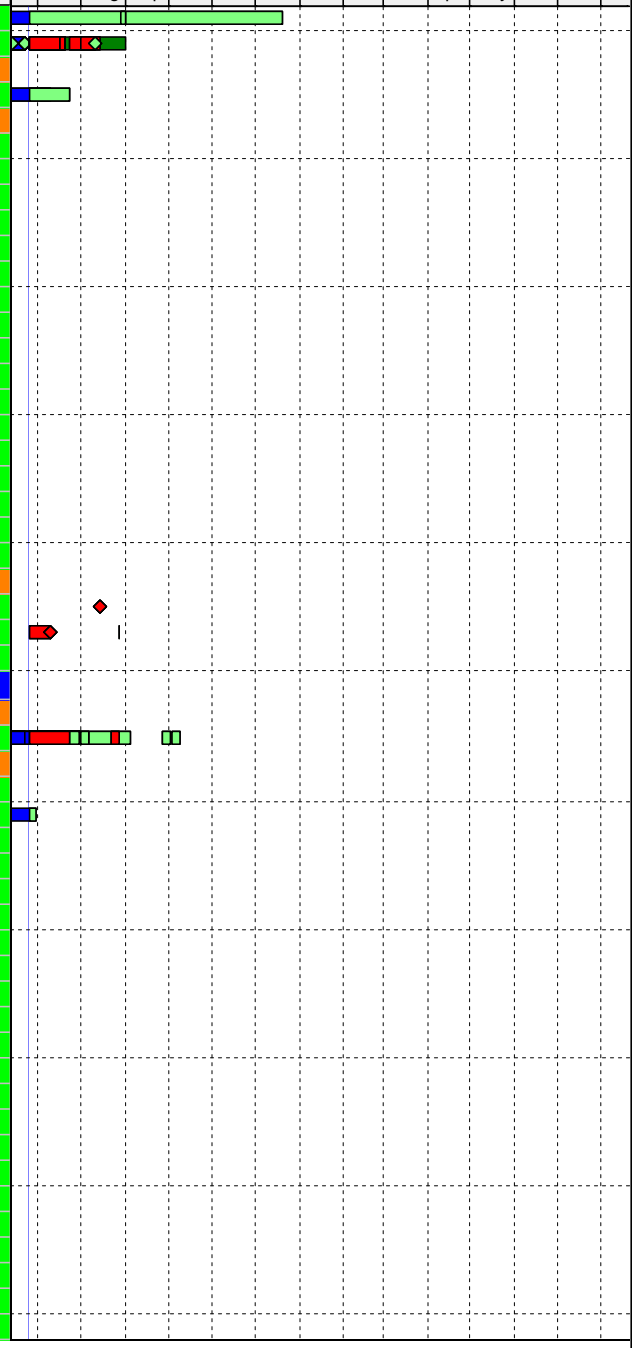


Remaining Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Milestones Critical

Activity ID	Activity Name	OD	RD	Physical % complete	Start	Finish	TF
	BALANCE OF PLANT STRUCTURAL STEEL						
	PACKAGED STEAM BOILERS						
	CHEMICAL FEED SKIDS						
	SHOP FABRICATED PRESSURE VESSELS						
	SHOP FABRICATED VESSELS - ATMOSPHERIC						
	AQUEOUS AMMONIA STORAGE						
	DUCTBURNER FILTER SEPRATOR						
	OILY WATER SEPARATOR						
	BOILER FEEDWATER PUMPS						
	CLOSED COOLING WATER HEAT EXCHANGERS						
	CONDENSATE PUMPS						
	VERTICAL SUMP PUMPS						
	FUEL GAS COMPRESSORS						
	CW PUMPS						
	POWER DISTRIBUTION CENTERS (PDC'S)						
	CONSTRUCTION PACKAGES						
	MAJOR AND MISC STRUCTURAL CONCRETE						
	PAINTIING AND COATING SYSTEMS						
	ARCHITECTURAL						
	CONSTRUCTION PACKAGES						
	PRE-ENGINEERED METAL BUILDINGS & INTERIOR FINISHES						
	MECHANICAL						
	DESIGN PACKAGES						
	STRUCTURAL						
	MECHANICAL						
	BULK MATERIALS AND ENGINEERED ITEMS						
	PRECAST CONCRETE SUMPS						
	PACKAGED STEAM BOILERS						
	CHEMICAL FEED SKIDS						
	SHOP FABRICATED PRESSURE VESSELS						
	SHOP FABRICATED VESSELS - ATMOSPHERIC						
	AQUEOUS AMMONIA STORAGE						
	DUCTBURNER FILTER SEPRATOR						
	OILY WATER SEPARATOR						
	BOILER FEEDWATER PUMPS						
	CLOSED COOLING WATER HEAT EXCHANGERS						
	CONDENSATE PUMPS						
	VERTICAL SUMP PUMPS						
	FUEL GAS COMPRESSORS						
	CW PUMPS						
	CONTROL VALVES - OTHER VALVES						
	BYPASS VALVES						
	CONSTRUCTION PACKAGES						
	PRE-ENGINEERED METAL BUILDINGS & INTERIOR FINISHES						
	EQUIPMENT ERECTION (STG, HRSG, STACK, and BOP)						
	ABOVE GROUND FIRE PROTECTION SYSTEMS						
	START UP AND COMMISSIONING PACKAGES						
	STEAM CYCLE PRE-OPERATIONAL CHEMICAL CLEANING						
	STEAM CYCLE AIR/STEAM BLOW						
	PERFORMANCE/RELIABILITY TESTING						
	PIPING						
	DESIGN PACKAGES						

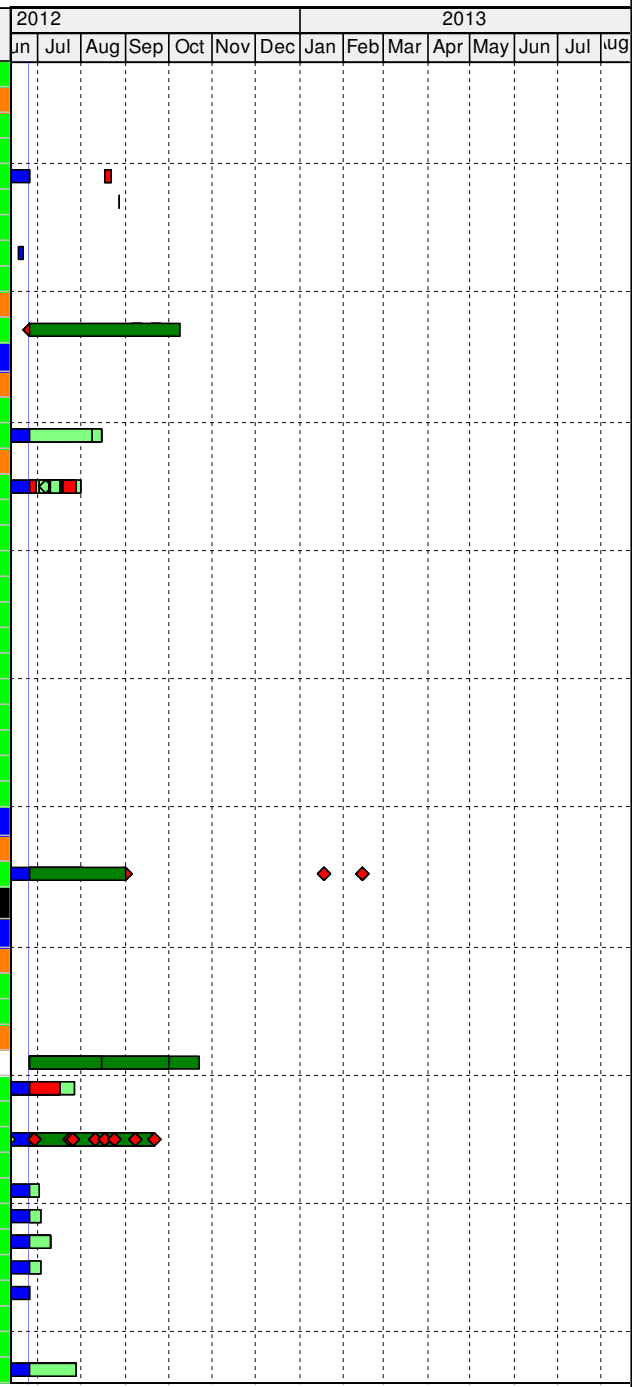


Activity ID	Activity Name	OD	RD	Physical % complete	Start	Finish	TF
	OVERALL PROJECT MANAGEMENT/EXECUTION						
	PIPING						
	ENGINEERING PACKAGES						
	HIGH ENERGY PIPING SYSTEM DESIGN						
	BULK MATERIALS AND ENGINEERED ITEMS						
	CATHODIC PROTECTION SYSTEMS						
	UNDERGROUND PIPING - CS/SS BULKS						
	UNDERGROUND PIPING - HIGH DENSITY POLYETHYLENE (HDPE)						
	UNDERGROUND PIPING - CIRCULATING WATER						
	SHOP FABRICATED PIPING BOP LB						
	SHOP FABRICATED PIPING BOP SB						
	SHOP FABRICATED CRITICAL PIPING LB						
	LARGE, HIGH PRESSURE, MOTOR OPERATED VALVES (MOV'S)						
	VALVES - CRITICAL STEAM (LARGE BORE, MANUAL, ALLOY)						
	VALVES - MANUAL (BALL, GATE, GLOBE, CHECK, ETC.)						
	ENGINEERED PIPE SUPPORTS						
	NON-ENGINEERED PIPE SUPPORTS						
	SAFETY SHOWERS AND EYE WASH STATIONS						
	STRAINERS - SELF CLEANING						
	STRAINERS - SIMPLEX AND DUPLEX						
	SHOP FABRICATED CRITICAL PIPING SB						
	SPECIALITY ITEMS						
	CONSTRUCTION PACKAGES						
	PAINTIING AND COATING SYSTEMS						
	EQUIPMENT AND PIPIE INSULATION / HEAT TRACE						
	UNDERGROUND PIPING SYSTEMS						
	ELECTRICAL						
	DESIGN PACKAGES						
	ELECTRICAL						
	BULK MATERIALS AND ENGINEERED ITEMS						
	REINFORCING STEEL						
	PACKAGED STEAM BOILERS						
	CHEMICAL FEED SKIDS						
	DUCTBURNER FILTER SEPRATOR						
	OILY WATER SEPARATOR						
	BOILER FEEDWATER PUMPS						
	CONDENSATE PUMPS						
	VERTICAL SUMP PUMPS						
	FUEL GAS COMPRESSORS						
	CW PUMPS						
	4160V SWITCHGEAR AND MOTOR CONTROL CENTERS (MCC'S)						
	480V MOTOR CONTROL CENTERS (MCC'S)						
	480V SWITCHGEAR						
	15Kv BUS DUCT						
	125V DC BATTERY CHARGERS AND BATTERIES						
	UNINTERRUPTIBLE POWER SUPPLY (UPS)						
	PROTECTIVE RELAY PANELS						
	POWER DISTRIBUTION CENTERS (PDC'S)						
	MEDIUM VOLTAGE WIRE AND CABLE						
	CABLE TRAY						
	LIGHTNING PROTECTION SYSTEMS						
	CATHODIC PROTECTION SYSTEMS						



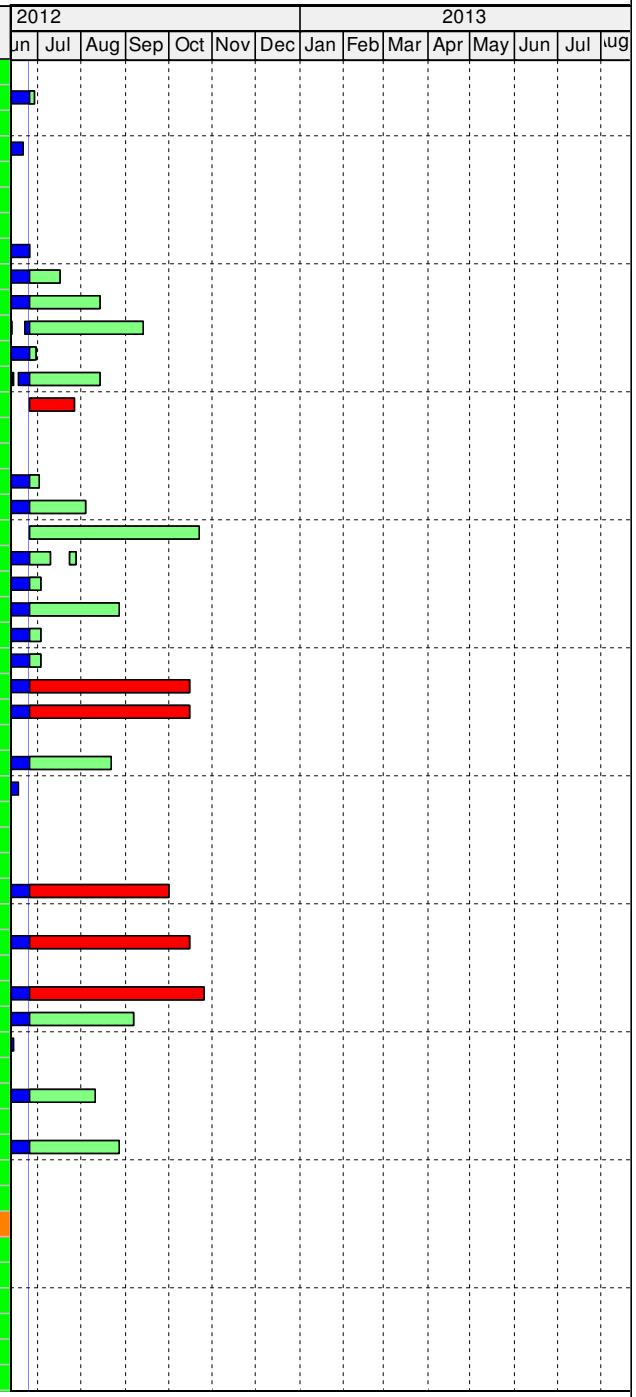
Remaining Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Milestones Critical

Activity ID	Activity Name	OD	RD	Physical % Complete	Start	Finish	TF
	DISTRIBUTED CONTROL SYSTEMS (DCS'S)						
	CONSTRUCTION PACKAGES						
	TEMPORARY ELECTRICAL						
	PRE-ENGINEERED METAL BUILDINGS & INTERIOR FINISHES						
	ABOVE GROUND FIRE PROTECTION SYSTEMS						
	EQUIPMENT AND PIPIE INSULATION / HEAT TRACE						
	UNDERGROUND ELECTRICAL SYSTEMS						
	ABOVE GROUND ELECTRICAL AND INSTRUMENTATION SYSTEMS						
	GENERATOR STEP UP AND AUXILIARY TRANSFORMER DRESS OUT AND OIL FILL						
	START UP AND COMMISSIONING PACKAGES						
	ELECTRICAL SYSTEM TESTING						
	INSTRUMENTATION & CONTROLS						
	DESIGN PACKAGES						
	MECHANICAL						
	INSTRUMENTATION & CONTROLS						
	BULK MATERIALS AND ENGINEERED ITEMS						
	DISTRIBUTED CONTROL SYSTEMS (DCS'S)						
	SAMPLE AND ANALYSIS PANELS						
	CONTINUOUS EMISSIONS MONITORING SYSTEMS (CEMS)						
	FIBER OPTIC CABLES						
	FIELD MOUNTED INSTRUMENTS						
	IN-LINE INSTRUMENTATION						
	LEVEL INSTRUMENTATION						
	SAFETY AND PRESSURE RELIEF VALVES						
	PROCESS CONTROL VALVES AND REGULATORS						
	CONTROL VALVES - BUTTERFLY						
	CONTROL VALVES - OTHER VALVES						
	ON-OFF VALVES - BALL VALVES (SEVERE SERVICE)						
	ON-OFF VALVES - BALL/GLOBE/GATE VALVES (GENERAL SERVICE)						
	TRANSMISSION, DISTRIBUTION & SWITCHYARD						
	ENGINEERING PACKAGES						
	ELECTRICAL SWITCHYARD DESIGN						
	PROCUREMENT						
	PURCHASING						
	ENGINEERING PACKAGES						
	INITIAL SITE SURVEYING						
	HIGH ENERGY PIPING SYSTEM DESIGN						
	BULK MATERIALS AND ENGINEERED ITEMS						
	PROCUREMENT						
	REINFORCING STEEL						
	EMBEDDED STEEL ITEMS						
	BALANCE OF PLANT STRUCTURAL STEEL						
	PRECAST CONCRETE SUMPS						
	PACKAGED STEAM BOILERS						
	CHEMICAL FEED SKIDS						
	SHOP FABRICATED PRESSURE VESSELS						
	SHOP FABRICATED VESSELS - ATMOSPHERIC						
	AQUEOUS AMMONIA STORAGE						
	DUCTBURNER FILTER SEPRATOR						
	OILY WATER SEPARATOR						
	BOILER FEEDWATER PUMPS						

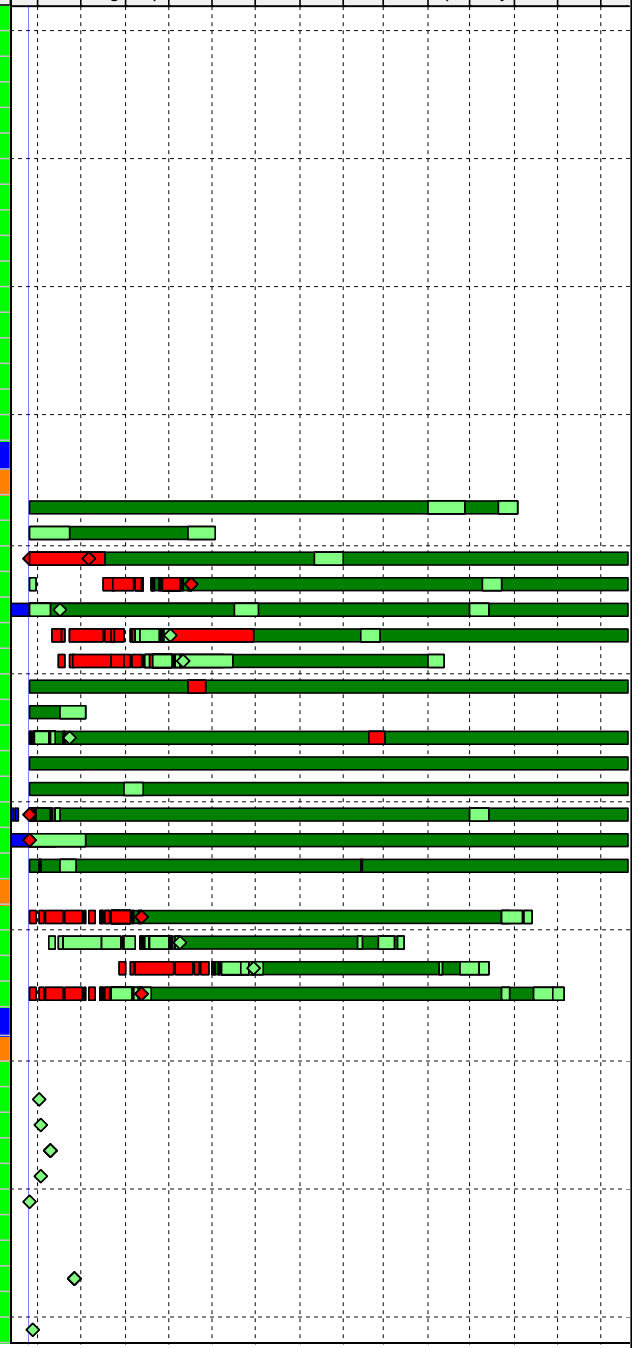


Remaining Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Milestones Critical

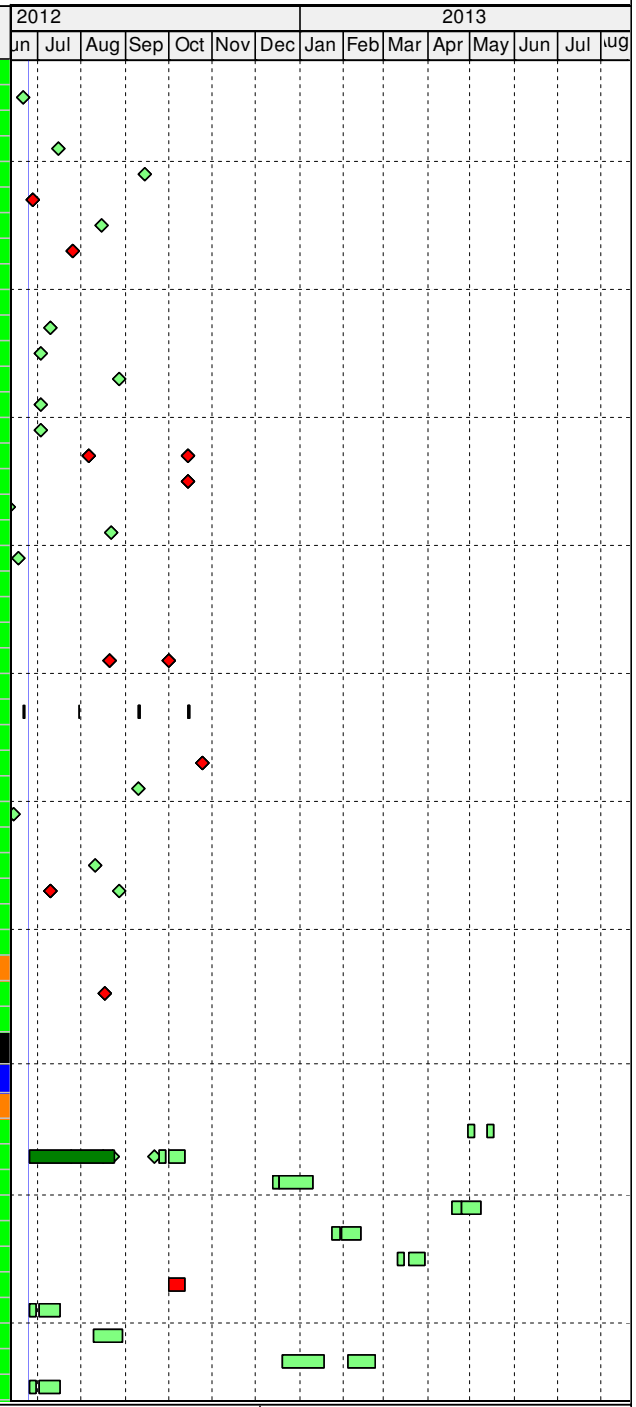
Activity ID	Activity Name	OD	RD	Physical % complete	Start	Finish	TF
	CLOSED COOLING WATER HEAT EXCHANGERS						
	CONDENSATE PUMPS						
	VERTICAL SUMP PUMPS						
	FUEL GAS COMPRESSORS						
	CW PUMPS						
	4160V SWITCHGEAR AND MOTOR CONTROL CENTERS (MCC'S)						
	480V MOTOR CONTROL CENTERS (MCC'S)						
	480V SWITCHGEAR						
	15Kv BUS DUCT						
	125V DC BATTERY CHARGERS AND BATTERIES						
	PROTECTIVE RELAY PANELS						
	POWER DISTRIBUTION CENTERS (PDC'S)						
	MEDIUM VOLTAGE WIRE AND CABLE						
	CABLE TRAY						
	LIGHTNING PROTECTION SYSTEMS						
	CATHODIC PROTECTION SYSTEMS						
	HIGH VOLTAGE CIRCUIT BREAKERS						
	HIGH VOLTAGE MINOR MATERIALS						
	HIGH VOLTAGE CABLE						
	DISTRIBUTED CONTROL SYSTEMS (DCS'S)						
	SAMPLE AND ANALYSIS PANELS						
	CONTINUOUS EMISSIONS MONITORING SYSTEMS (CEMS)						
	FIELD MOUNTED INSTRUMENTS						
	IN-LINE INSTRUMENTATION						
	SAFETY AND PRESSURE RELIEF VALVES						
	PROCESS CONTROL VALVES AND REGULATORS						
	CONTROL VALVES - BUTTERFLY						
	ON-OFF VALVES - BALL VALVES (SEVERE SERVICE)						
	BYPASS VALVES						
	UNDERGROUND PIPING - CS/SS BULKS						
	UNDERGROUND PIPING - HIGH DENSITY POLYETHYLENE (HDPE)						
	UNDERGROUND PIPING - CIRCULATING WATER						
	SHOP FABRICATED PIPING BOP LB						
	SHOP FABRICATED PIPING BOP SB						
	SHOP FABRICATED CRITICAL PIPING LB						
	LARGE, HIGH PRESSURE, MOTOR OPERATED VALVES (MOV'S)						
	VALVES - CRITICAL STEAM (LARGE BORE, MANUAL, ALLOY)						
	VALVES - MANUAL (BALL, GATE, GLOBE, CHECK, ETC.)						
	ENGINEERED PIPE SUPPORTS						
	NON-ENGINEERED PIPE SUPPORTS						
	SAFETY SHOWERS AND EYE WASH STATIONS						
	STRAINERS - SELF CLEANING						
	STRAINERS - SIMPLEX AND DUPLEX						
	SHOP FABRICATED CRITICAL PIPING SB						
	SPECIALITY ITEMS						
	CONSTRUCTION PACKAGES						
	LEASING OF TEMPORARY OFFICE AND CRAFT FACILITIES (TRAILERS)						
	LEASING OF CONSTRUCTION WASTE DUMPSTERS INCL. DISPOSAL						
	LEASING OF CONSTRUCTION WASTE RECYCLING CONTAINERS AND SALE OF RECYCLED MATERIALS						
	LEASING OF TEMPORARY CHEMICAL TOILETS AND HANDWASH STATIONS (RENTAL AND SERVICE)						
	LEASING OF SITE PERSONNEL VEHICLES						
	LEASING OF FORKLIFT FOR WAREHOUSE OPERATIONS						



Activity ID	Activity Name	OD	RD	Physical % complete	Start	Finish	TF
	DIGITAL CAMERA AND SUPPLIES						
	LYNX DIGITAL PHOTOGRAPHY MANAGEMENT SOFTWARE						
	FIRST AID CABINETS AND SUPPLIES						
	PROJECT SIGN						
	SAFETY SIGNAGE AND BANNERS						
	PROJECT DIRECTIONAL SIGNAGE						
	TEMPORARY GUARD SHACK						
	FIRE PROTECTION EQPT AND SUPPLIES						
	TEMPORARY ELECTRICAL						
	MISCELLANEOUS WAREHOUSE SUPPLIES (TARPS, DUNNAGE, TAPE, ETC)						
	TEMPORARY SITE SECURITY FENCEING AND GATES						
	SITE SECURITY SERVICES						
	CONSTRUCTION SURVEYING SUPPORT						
	CONSTRUCTION MATERIALS INSPECTIONS AND TESTING						
	CONSTRUCTION SCAFFOLDING, TEMPORARY STAIRS AND WALKWAYS						
	HAZARDOUS SOILS TESTING SERVICES						
	HAZARDOUS SOILS EXCAVATION AND HANDLING						
	SUBCONTRACTING						
	CONSTRUCTION PACKAGES						
	GENERAL SITE WORK						
	MAJOR AND MISC STRUCTURAL CONCRETE						
	PRE-ENGINEERED METAL BUILDINGS & INTERIOR FINISHES						
	PAINTIING AND COATING SYSTEMS						
	EQUIPMENT ERECTION (STG, HRSG, STACK, and BOP)						
	ABOVE GROUND FIRE PROTECTION SYSTEMS						
	EQUIPMENT AND PIPIE INSULATION / HEAT TRACE						
	UNDERGROUND PIPING SYSTEMS						
	UNDERGROUND CIRCULATION WATER PIPE SYSTEM						
	ABOVE GROUND BALANCE OF PLANT PIPING						
	NON DESTRUCTIVE TESTING						
	UNDERGROUND ELECTRICAL SYSTEMS						
	ABOVE GROUND ELECTRICAL AND INSTRUMENTATION SYSTEMS						
	ELECTRICAL SWITCHYARD AND TRANSMISSION SYSTEMS (FURNISH AND ERECT)						
	GENERATOR STEP UP AND AUXILIARY TRANSFORMER DRESS OUT AND OIL FILL						
	START UP AND COMMISSIONING PACKAGES						
	START-UP CRAFT SUPPORT LABOR						
	STEAM CYCLE PRE-OPERATIONAL CHEMICAL CLEANING						
	STEAM CYCLE AIR/STEAM BLOW						
	ELECTRICAL SYSTEM TESTING						
	MATERIAL CONTROL						
	BULK MATERIALS AND ENGINEERED ITEMS						
	EMBEDDED STEEL ITEMS						
	PACKAGED STEAM BOILERS						
	CHEMICAL FEED SKIDS						
	SHOP FABRICATED PRESSURE VESSELS						
	SHOP FABRICATED VESSELS - ATMOSPHERIC						
	AQUEOUS AMMONIA STORAGE						
	DUCTBURNER FILTER SEPRATOR						
	OILY WATER SEPARATOR						
	BOILER FEEDWATER PUMPS						
	CLOSED COOLING WATER HEAT EXCHANGERS						
	CONDENSATE PUMPS						

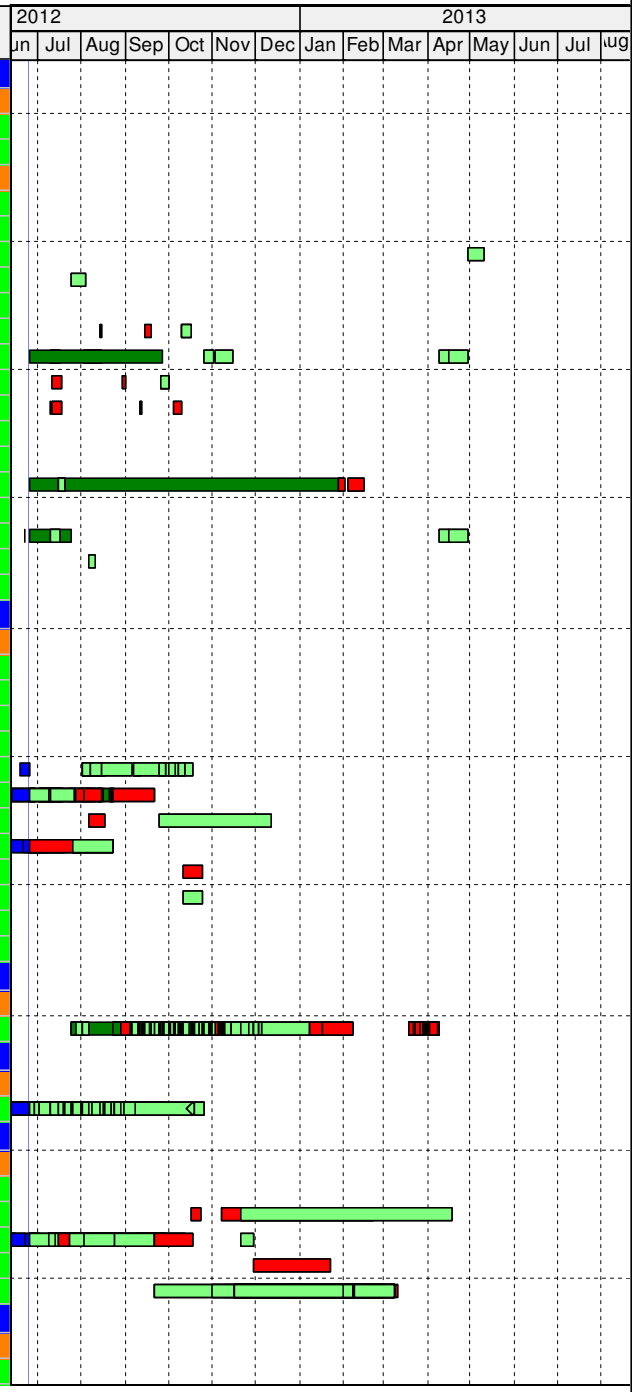


Activity ID	Activity Name	OD	RD	Physical % complete	Start	Finish	TF
	VERTICAL SUMP PUMPS						
	FUEL GAS COMPRESSORS						
	CW PUMPS						
	15Kv BUS DUCT						
	PROTECTIVE RELAY PANELS						
	POWER DISTRIBUTION CENTERS (PDC'S)						
	MEDIUM VOLTAGE WIRE AND CABLE						
	CABLE TRAY						
	LIGHTNING PROTECTION SYSTEMS						
	CATHODIC PROTECTION SYSTEMS						
	DISTRIBUTED CONTROL SYSTEMS (DCS'S)						
	SAMPLE AND ANALYSIS PANELS						
	CONTINUOUS EMISSIONS MONITORING SYSTEMS (CEMS)						
	FIELD MOUNTED INSTRUMENTS						
	IN-LINE INSTRUMENTATION						
	SAFETY AND PRESSURE RELIEF VALVES						
	PROCESS CONTROL VALVES AND REGULATORS						
	CONTROL VALVES - BUTTERFLY						
	ON-OFF VALVES - BALL VALVES (SEVERE SERVICE)						
	BYPASS VALVES						
	UNDERGROUND PIPING - CS/SS BULKS						
	UNDERGROUND PIPING - HIGH DENSITY POLYETHYLENE (HDPE)						
	UNDERGROUND PIPING - CIRCULATING WATER						
	SHOP FABRICATED PIPING BOP LB						
	SHOP FABRICATED PIPING BOP SB						
	SHOP FABRICATED CRITICAL PIPING LB						
	LARGE, HIGH PRESSURE, MOTOR OPERATED VALVES (MOV'S)						
	VALVES - CRITICAL STEAM (LARGE BORE, MANUAL, ALLOY)						
	VALVES - MANUAL (BALL, GATE, GLOBE, CHECK, ETC.)						
	ENGINEERED PIPE SUPPORTS						
	NON-ENGINEERED PIPE SUPPORTS						
	SAFETY SHOWERS AND EYE WASH STATIONS						
	STRAINERS - SIMPLEX AND DUPLEX						
	SHOP FABRICATED CRITICAL PIPING SB						
	SPECIALITY ITEMS						
	CONSTRUCTION PACKAGES						
	PRE-ENGINEERED METAL BUILDINGS & INTERIOR FINISHES						
	UNDERGROUND CIRCULATION WATER PIPE SYSTEM						
	CONSTRUCTION						
	CONSTRUCTION MANAGEMENT						
	CONSTRUCTION PACKAGES						
	GENERAL SITE WORK						
	MAJOR AND MISC STRUCTURAL CONCRETE						
	PRE-ENGINEERED METAL BUILDINGS & INTERIOR FINISHES						
	PAINTIING AND COATING SYSTEMS						
	ABOVE GROUND FIRE PROTECTION SYSTEMS						
	EQUIPMENT AND PIPIE INSULATION / HEAT TRACE						
	UNDERGROUND PIPING SYSTEMS						
	UNDERGROUND CIRCULATION WATER PIPE SYSTEM						
	UNDERGROUND ELECTRICAL SYSTEMS						
	ELECTRICAL SWITCHYARD AND TRANSMISSION SYSTEMS (FURNISH AND ERECT)						
	GENERATOR STEP UP AND AUXILIARY TRANSFORMER DRESS OUT AND OIL FILL						

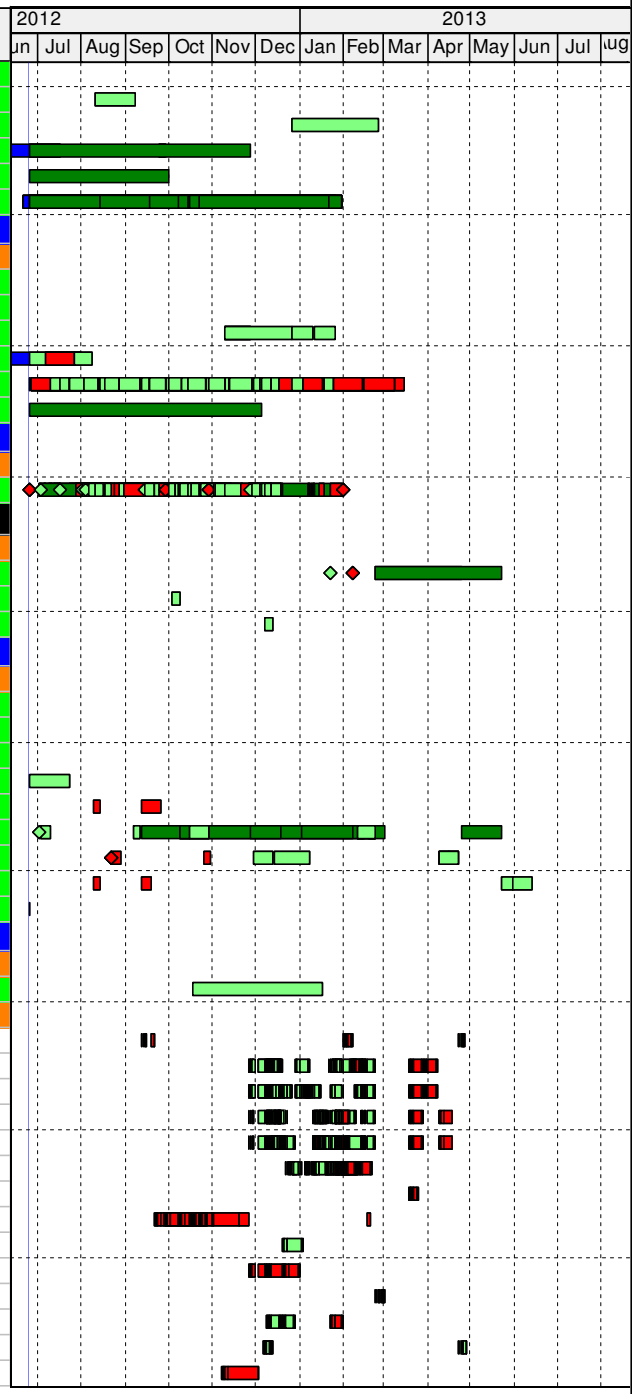


Remaining Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Milestones Critical

Activity ID	Activity Name	OD	RD	Physical % complete	Start	Finish	TF
	CONSTRUCTION COORDINATION						
	BULK MATERIALS AND ENGINEERED ITEMS						
	REINFORCING STEEL						
	EMBEDDED STEEL ITEMS						
	CONSTRUCTION PACKAGES						
	LEASING OF TEMPORARY OFFICE AND CRAFT FACILITIES (TRAILERS)						
	TEMPORARY ELECTRICAL						
	GENERAL SITE WORK						
	MAJOR AND MISC STRUCTURAL CONCRETE						
	PRE-ENGINEERED METAL BUILDINGS & INTERIOR FINISHES						
	PAINTIING AND COATING SYSTEMS						
	EQUIPMENT ERECTION (STG, HRSG, STACK, and BOP)						
	ABOVE GROUND FIRE PROTECTION SYSTEMS						
	EQUIPMENT AND PIPIE INSULATION / HEAT TRACE						
	UNDERGROUND PIPING SYSTEMS						
	UNDERGROUND CIRCULATION WATER PIPE SYSTEM						
	ABOVE GROUND BALANCE OF PLANT PIPING						
	UNDERGROUND ELECTRICAL SYSTEMS						
	ABOVE GROUND ELECTRICAL AND INSTRUMENTATION SYSTEMS						
	ELECTRICAL SWITCHYARD AND TRANSMISSION SYSTEMS (FURNISH AND ERECT)						
	GENERATOR STEP UP AND AUXILIARY TRANSFORMER DRESS OUT AND OIL FILL						
	CIVIL / STRUCTURAL / ARCHITECTURAL						
	CONSTRUCTION PACKAGES						
	LEASING OF TEMPORARY OFFICE AND CRAFT FACILITIES (TRAILERS)						
	CONSTRUCTION SURVEYING SUPPORT						
	HAZARDOUS SOILS TESTING SERVICES						
	HAZARDOUS SOILS EXCAVATION AND HANDLING						
	GENERAL SITE WORK						
	MAJOR AND MISC STRUCTURAL CONCRETE						
	PRE-ENGINEERED METAL BUILDINGS & INTERIOR FINISHES						
	EQUIPMENT ERECTION (STG, HRSG, STACK, and BOP)						
	ABOVE GROUND FIRE PROTECTION SYSTEMS						
	EQUIPMENT AND PIPIE INSULATION / HEAT TRACE						
	UNDERGROUND PIPING SYSTEMS						
	ELECTRICAL SWITCHYARD AND TRANSMISSION SYSTEMS (FURNISH AND ERECT)						
	STG ERECTION						
	CONSTRUCTION PACKAGES						
	EQUIPMENT ERECTION (STG, HRSG, STACK, and BOP)						
	HRSG ERECTION						
	CONSTRUCTION PACKAGES						
	EQUIPMENT ERECTION (STG, HRSG, STACK, and BOP)						
	BOP MECHANICAL						
	CONSTRUCTION PACKAGES						
	GENERAL SITE WORK						
	PAINTIING AND COATING SYSTEMS						
	EQUIPMENT ERECTION (STG, HRSG, STACK, and BOP)						
	ABOVE GROUND FIRE PROTECTION SYSTEMS						
	EQUIPMENT AND PIPIE INSULATION / HEAT TRACE						
	PIPING						
	CONSTRUCTION PACKAGES						
	TEMPORARY WATER AND SEWER						

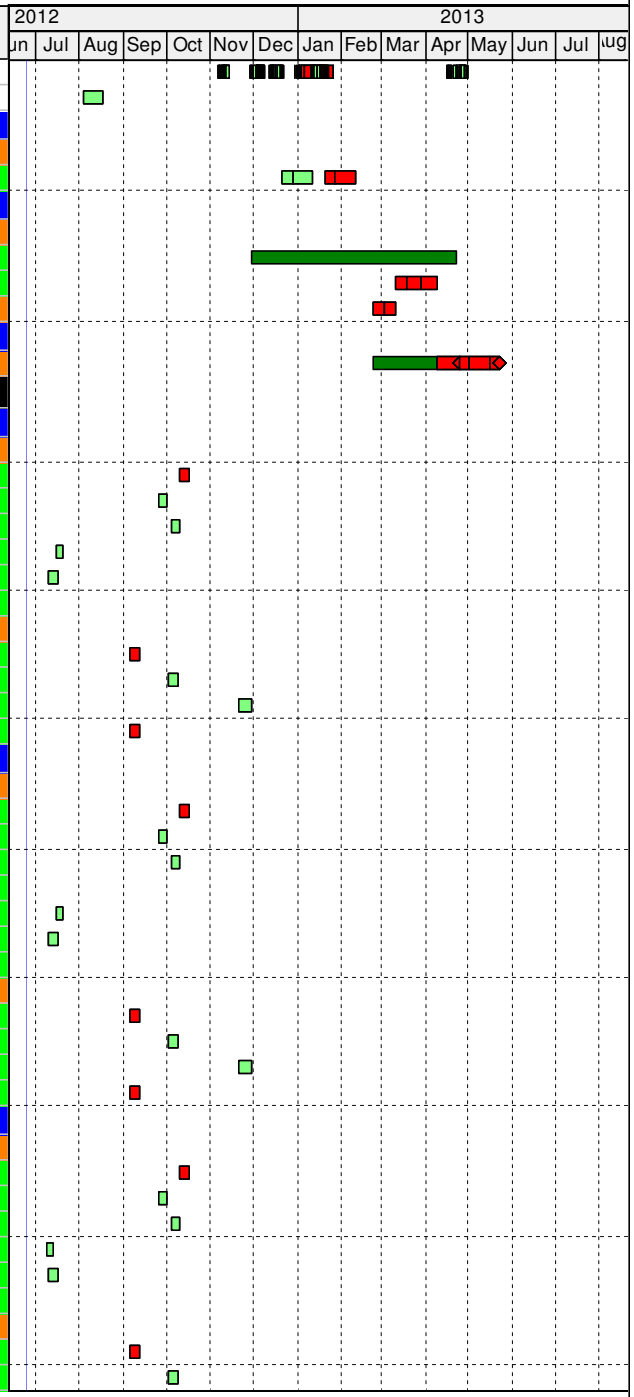


Activity ID	Activity Name	OD	RD	Physical % complete	Start	Finish	TF
	PRE-ENGINEERED METAL BUILDINGS & INTERIOR FINISHES						
	EQUIPMENT ERECTION (STG, HRSG, STACK, and BOP)						
	EQUIPMENT AND PIPIE INSULATION / HEAT TRACE						
	UNDERGROUND PIPING SYSTEMS						
	UNDERGROUND CIRCULATION WATER PIPE SYSTEM						
	ABOVE GROUND BALANCE OF PLANT PIPING						
	ELECTRICAL / INSTRUMENTATION						
	CONSTRUCTION PACKAGES						
	TEMPORARY ELECTRICAL						
	EQUIPMENT ERECTION (STG, HRSG, STACK, and BOP)						
	EQUIPMENT AND PIPIE INSULATION / HEAT TRACE						
	UNDERGROUND ELECTRICAL SYSTEMS						
	ABOVE GROUND ELECTRICAL AND INSTRUMENTATION SYSTEMS						
	GENERATOR STEP UP AND AUXILIARY TRANSFORMER DRESS OUT AND OIL FILL						
	TRANSMISSION / SWITCHYARD						
	CONSTRUCTION PACKAGES						
	ELECTRICAL SWITCHYARD AND TRANSMISSION SYSTEMS (FURNISH AND ERECT)						
	START UP						
	START UP AND COMMISSIONING PACKAGES						
	START-UP CRAFT SUPPORT LABOR						
	STEAM CYCLE PRE-OPERATIONAL CHEMICAL CLEANING						
	STEAM CYCLE AIR/STEAM BLOW						
	START UP MANAGEMENT						
	START UP AND COMMISSIONING PACKAGES						
	SUPPLY OF START-UP CHEMICALS						
	SUPPLY OF START-UP GASES						
	SUPPLY OF START-UP OILS AND GREASES						
	START-UP LOCKS AND TAGS						
	START-UP CRAFT SUPPORT LABOR						
	STEAM CYCLE PRE-OPERATIONAL CHEMICAL CLEANING						
	STEAM CYCLE AIR/STEAM BLOW						
	ELECTRICAL SYSTEM TESTING						
	PERFORMANCE/RELIABILITY TESTING						
	START UP PRE-COMMISSIONING						
	CONSTRUCTION PACKAGES						
	EQUIPMENT AND PIPIE INSULATION / HEAT TRACE						
	No 417531-13-PROC PKG						
	GENERAL SITE WORK						
	HRSG#3						
	HRSG#2						
	HRSG#4						
	HRSG#1						
	STEAM TURBINE AREA						
	PIPE RACK						
	BOP-HV/MV ELECT						
	FUEL GAS AREA						
	WTR TREATMENT AREA						
	AQUA AMMONIA AREA						
	CIRC WATER / COOLING TWR AREA						
	NEW WAREHOUSE / OFFICE BLDG						
	EXISTING CONTROL ROOM AND OFFICE BLDG						



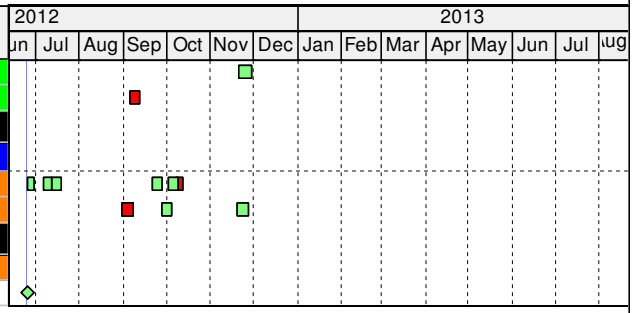
Remaining Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Milestones Critical

Activity ID	Activity Name	OD	RD	Physical % complete	Start	Finish	TF
	BALANCE OF PLANT MISC.						
	PLANT COMMISSIONING/STARTUP						
	START UP CHEMICAL CLEANING						
	START UP AND COMMISSIONING PACKAGES						
	STEAM CYCLE PRE-OPERATIONAL CHEMICAL CLEANING						
	START UP STEAM BLOW						
	START UP AND COMMISSIONING PACKAGES						
	STEAM CYCLE PRE-OPERATIONAL CHEMICAL CLEANING						
	STEAM CYCLE AIR/STEAM BLOW						
	No 417531-13-PROC PKG						
	START UP GENERAL						
	No 417531-13-PROC PKG						
	PROJECT SERVICES						
	PROJECT CONTROLS						
	CONSTRUCTION PACKAGES						
	PAINTIING AND COATING SYSTEMS						
	ABOVE GROUND FIRE PROTECTION SYSTEMS						
	EQUIPMENT AND PIPIE INSULATION / HEAT TRACE						
	ABOVE GROUND BALANCE OF PLANT PIPING						
	ABOVE GROUND ELECTRICAL AND INSTRUMENTATION SYSTEMS						
	GENERATOR STEP UP AND AUXILIARY TRANSFORMER DRESS OUT AND OIL FILL						
	START UP AND COMMISSIONING PACKAGES						
	START-UP CRAFT SUPPORT LABOR						
	STEAM CYCLE PRE-OPERATIONAL CHEMICAL CLEANING						
	STEAM CYCLE AIR/STEAM BLOW						
	ELECTRICAL SYSTEM TESTING						
	QUALITY						
	CONSTRUCTION PACKAGES						
	PAINTIING AND COATING SYSTEMS						
	ABOVE GROUND FIRE PROTECTION SYSTEMS						
	EQUIPMENT AND PIPIE INSULATION / HEAT TRACE						
	UNDERGROUND CIRCULATION WATER PIPE SYSTEM						
	ABOVE GROUND BALANCE OF PLANT PIPING						
	ABOVE GROUND ELECTRICAL AND INSTRUMENTATION SYSTEMS						
	GENERATOR STEP UP AND AUXILIARY TRANSFORMER DRESS OUT AND OIL FILL						
	START UP AND COMMISSIONING PACKAGES						
	START-UP CRAFT SUPPORT LABOR						
	STEAM CYCLE PRE-OPERATIONAL CHEMICAL CLEANING						
	STEAM CYCLE AIR/STEAM BLOW						
	ELECTRICAL SYSTEM TESTING						
	SAFETY						
	CONSTRUCTION PACKAGES						
	PAINTIING AND COATING SYSTEMS						
	ABOVE GROUND FIRE PROTECTION SYSTEMS						
	EQUIPMENT AND PIPIE INSULATION / HEAT TRACE						
	ABOVE GROUND BALANCE OF PLANT PIPING						
	ABOVE GROUND ELECTRICAL AND INSTRUMENTATION SYSTEMS						
	GENERATOR STEP UP AND AUXILIARY TRANSFORMER DRESS OUT AND OIL FILL						
	START UP AND COMMISSIONING PACKAGES						
	START-UP CRAFT SUPPORT LABOR						
	STEAM CYCLE PRE-OPERATIONAL CHEMICAL CLEANING						



Remaining Level of Effort
Actual Work
Remaining Work
Critical Remaining Work
Milestone
Milestones Critical

Activity ID	Activity Name	OD	RD	Physical % complete	Start	Finish	TF
	STEAM CYCLE AIR/STEAM BLOW						
	ELECTRICAL SYSTEM TESTING						
	CALPINE REVIEWS						
	CALPINE SUBCONTRACT REVIEWS						
	CONSTRUCTION PACKAGES						
	START UP AND COMMISSIONING PACKAGES						
	No 417531-13-DISCIPLINE						
	No 417531-13-PROC PKG						
	No 417531-13-AREA						



CONDITION OF CERTIFICATION
CUL-5

Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

Los Esteros Critical Energy Facility, Phase 2
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 8-29-12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Los Esteros Critical Energy Facility, Phase 2, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
SHAWN POWELL	Shawn Powell	HARDER
Troy Ackelbein		Harder
Cole Estes		Harder
JOSEF ADAMS		HARDER
RUDY PRIEN		HARDER MECH.
Danita Donohue	Danita Donohue	Harder
JACKSON WEIR	Jackson Weir	HARDER
DANIEL JORDAN	Daniel Jordan	AZCO
BEN CARNEY	Ben Carney	AZCO
STAN KELSEY	Stan Kelsey	AZCO
DENNIS GARRINGER		OCS
Francisco J Arteaga		AZCO
Patrick B Jordan	Patrick B Jordan	AZCO
Carl Holloway	Carl K Holloway	Harder
mark sims		harder
MARK BALMA		HARDER
STEVEN O. HALVES	Steven O. Halves	HARDER
JAMES C WEEMS		HARDER
Raymond Kashuba	Raymond Kashuba	HARDER
SATOSHI AOKI	AOKI	MHI
James A. Burke	James A. Burke	Harder
Craig Summers	Craig Summers	CH2M HILL

Los Esteros Critical Energy Facility, Phase 2
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE: 8-29-2012

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Los Esteros Critical Energy Facility, Phase 2, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
✓ John Herrod	John Herrod	AZCO Rigfitter
✓ David Benedict	D Benedict	Calpine
✓ James Jackson	James Jackson	AZCO Fitter
✓ Winston Rocke	Winston Rocke	AZCO
✓ Martin Johnson	Martin Johnson	AZCO

Los Esteros Critical Energy Facility, Phase 2
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 8-27-12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Los Esteros Critical Energy Facility, Phase 2, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
CHRIS GRUNDY		ELECTRICIAN

Los Esteros Critical Energy Facility, Phase 2
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 8-27-12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Los Esteros Critical Energy Facility, Phase 2, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
PETER FORS		PCCI
CRAIG Orler		AZCO
RODNEY RHONE		HMC / PM
SERGIO GONZALEZ		CALWEST CONCRETE CUTTING

Los Esteros Critical Energy Facility, Phase 2
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 8-22-12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Los Esteros Critical Energy Facility, Phase 2, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
Uriah B. Soto		Ironworker
ANDREL I. SAPPS		Pipe Fitter/welder
Rob Lopez		NOR CAL CONTROLS ES
Robert Kellogg		Neutron
HANK MENTINK		CALPINE - Engr Mgr.
John Marks		Marder
ALEX RODRIGUEZ		AZC
LARRY HRETTE		PMQ SERVICES

Los Esteros Critical Energy Facility, Phase 2
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 8-20-12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Los Esteros Critical Energy Facility, Phase 2, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
TOM CHYNCES	T. Chynces	AZCO
Jason Richards	Jason Richards	Newtron
Ken west	Ken west	AZCO
JAMES GOSS	James Goss	AZCO
Ricardo Y Ortiz		Newtron
Jeff Stewart	Jeff Stewart	Chemtreat/service
NEIL POSTMA	Neil Postma	AZCO
JAMES JOHANSEN	James Johansen	AZCO
DeJon John	DeJon John	AZCO
MIKE HALEY	Mike Haley	AZCO
KM PINION	K M Pinion	AZCO
William Smith	William Smith	AZCO
Ted Hooper	Ted Hooper	AZCO
James Lyon	James Lyon	AZCO
RYAN THIERNES	Ryan Thiernes	AZCO
Josh Plato	Josh Plato	AZCO
Carl Castleberry		AZCO
James Allen	James Allen	CMT
LORENZO Ayala		AZCO
RYAN SPIERING	Ryan Spiering	AZCO
Charles E. Forrest Jr.	Charles E Forrest Jr	Newtron
Edward A. Prince	Edward A Prince	NEWTRON
CLARENCE LONGMORE	C Longmore	NEWTRON
Rafael DIAZ	Rafael D.	Newtron
JEFF FRATELLO	Jeff Fratello	AZCO

Los Esteros Critical Energy Facility, Phase 2
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 8-20-2012

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Los Esteros Critical Energy Facility, Phase 2, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
MARTIN J. SALBERG	Martin J. Salberg	AZCO/PIPEFITTER
DINGANE NKOSI		AZCO Welder
MELISSA HANSEN		AZCO FITTER APPRENTICE

Los Esteros Critical Energy Facility, Phase 2
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 8-13-12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Los Esteros Critical Energy Facility, Phase 2, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
CHARLIE SHAW	Charlie Shaw	P.F SUPER-
JESSE GARCIA	Jesse Garcia	NEWTRON
ABRAHAM ARANDA	Abraham Aranda	NEWTRON
John C. Landin	John C. Landin	NEWTRON
ALVIN B. BOLA	Alvin Bola	NEWTON
Jeremy Stallings	Jeremy Stallings	Team / CWI
Will Whittington	Will Whittington	Sheedy Hoist
Gabriel Rodriguez	Gabriel Rodriguez	Newtron inc.
Isaac Miranda	Isaac Miranda	NEWTRON
JERRY A. VASQUEZ	Jerry A. Vasquez	NEWTRON
TERRY TUBBS	Terry Tubbs	CH2M Hill
Cody Hill	Cody Hill	Sheedy
Renea Wallace	R Wallace	newtron
Lou Eliseo	Lou Eliseo	AZCO
JOSE SAMUEL RUIZ	Jose Samuel Ruiz	2C
MARC UNGER	Marc Unger	Sheedy

Los Esteros Critical Energy Facility, Phase 2
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE: 8/15/12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Los Esteros Critical Energy Facility, Phase 2, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
PATRICK BALLISON	Patrick Ballison	AZCO MILLWRIGHT
LON BRUCE		HENDRICK MARINE - Calpine
STEVE MACDONALD		SUPERHEAT / HEATTREATMENT
Yohei Miyashita		MITSUBISHI
LARRY TOSCANO	L Tosca (Popeye)	Sifcedy
George Brooks	Peggy S. Brooks	SHEEDY
Glen W Pinnegar		AZCO
Jason M. Hurley		Clyde Bergemann Technology
Kiedis Fisher		AZCO
FRUILAN DAIGAN		TEAM
CHAD BRANSON		TEAM IND.

Los Esteros Critical Energy Facility, Phase 2
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 8-8-2012

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Los Esteros Critical Energy Facility, Phase 2, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
MICHAEL BOWDEN	Michael Bowden	HARDER PFW
GREG FLUCKEY	Gregory K Fluckey	HARDER PFW
Valente Gutierrez	Valente Gutierrez	American Power Delivery
Alejandro Medina	Alejandro Medina	American Power Delivery
Philip D. MERLI		CH2MHill / SAfety
Jonathan Cummings		Maxim Crane works
Janis Cortez	Janis Cortez	Newtron
LORENZO GARCIA	Lorenzo Garcia	NEWTRON
CHRIS DIETER		Newtron
Curtis Clancy		AZCO
Josh Lewis		AZCO MW
Erik Dabrovolny		AZCO PFW
TOLEN CUPPET		AZCO PF/W
KEITH JAMES	Keith James	AZCO
Larry Holmquist	Larry Holmquist	AZCO
Michael J. Buckley	Michael J. Buckley	AZCO
Douglas L. Johnson	Douglas L. Johnson	NEWTRON
Brian Kohel	Brian Kohel	Newtron
RANDAL HESS	Randal Hess	AZCO
Dan Day		AZCO
Jonathan Cummings		Maxim Crane works
Jake DeRoche		CCS/ Southland
STEPHAN HABTER		AZCO
BRIAN MALONEY		Newtron
ADAM SANDOVAL		AZCO
KAREN THOMAS		Newtron

Callis John — Calls Jon — AZCO

Ron Linney Ron Linney AZCO

8/8/12 Continued

Los Esteros Critical Energy Facility, Phase 2
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 8-6-12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Los Esteros Critical Energy Facility, Phase 2, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
Ryan Whitney		Team / Inspection
Tim Lechmann		TEAM / INSPECTION
Michael Crown		Newtron
TIMOTHY York		CH2M HILL
STEVEN L. GRAHAM		HARDER
BARKLEY S. GRAHAM	Barkley S Graham	Harder
JASON Simmons		HANSON
CARMEN CELLINE		CALPINE
SEAN FULLER	Sean Fuller	C.M.I.T INSPECTION
LUCIAN IONESCU		NASS / Transf. fill
Alex Filippov		NASS / Transf. fill
Roman Gelich		NASS / transf fill
Kevin Lewis		Newtron / Electrical GF
ART GRANADOS		CMT
SCOTT L. BINK	Scott R. Bink	NEWTRON

Los Esteros Critical Energy Facility, Phase 2
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 8-1-12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Los Esteros Critical Energy Facility, Phase 2, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
Stephen Escalante		APD
Brandon Orozco		APD
Gary Eagle Sr		Fab Tek
Walter M Rainville		Azco / JIW
Doug Schellhaas		Hardon
Luis Garcia		Team / Inspector
DANIEL Sojat		McClure
ALBERT LONGNO		CALPINE

Los Esteros Critical Energy Facility, Phase 2
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 8-2-12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Los Esteros Critical Energy Facility, Phase 2, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
VICTOR LARIOS		GROUNDMAN
VINCE LANG		GROUNDMAN
STEVEN COWAN		NEWTRON
J.C. KIRBY		NEWTRON
AL THOMPSON		NEWTRON
~~DANIEL Rodriguez~~		

CONDITION OF CERTIFICATION
PAL-4

Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

Report of Paleontological Resources Compliance Activities for Los Esteros Critical Energy Facility Phase 2- August 2012 (COC PAL-4)

Prepared For: Sarah Madams/SAC

Prepared By: Levi Pratt, Staff Paleontologist/SAC
Geof Spaulding, PRS/LAS

Date: September 4, 2012

This report covers paleontological resources compliance activities at the LECEF for the period noted above, as required by Conditions of Certification PAL-4.

Training Conducted This Month

Construction personnel continue to receive the CEC approved Paleontological Resources Awareness Module of the Worker Environmental Awareness Program (WEAP) prior to working on this project (COC PAL-3).

Personnel On-Call for Paleontological Monitoring This Period

Jaspal Saini, Paleontological Resources Monitor (PRM)
Dr. Geof Spaulding, Project Paleontological Resources Specialist (PRS)

Monitoring and Associated Activities This Period

The *Supplement and Amendment to the PRMMP for the Los Esteros Critical Energy Facility* (May 2011) provides an updated paleontological sensitivity assessment of the project area, subsequent to the monitoring activities and additional paleontological studies that accompanied Phase 1. It concludes that no additional monitoring for paleontological resources is warranted for this project.

As a result of the low paleontological resources sensitivity of the project site, no paleontological resources monitoring has been conducted. The paleontological resources awareness module of WEAP will continue to be administered to all construction personnel before starting work at the site.

Anticipated Changes in the Next Period

No changes are anticipated at this time.

Comments, Issues or Concerns

None.

CONDITION OF CERTIFICATION
SOCIO-1

Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

ACTIVITIES REPORT FOR SOCIO -1

Work contracted to date utilizing Labor from the Bay Area:

- **Newtron Electric** Electrical
- **M.J. Electric** Underground Duct Bank/Temp Power
- **TELECOM/McClure Electric** Trailer City electrical and communication installation
- **MISSION CITY REBAR INC** Reinforcing Steel
- **Modular Space Corporation** Leasing Of Temporary Office And Craft Trailers
- **HOMESITE SERVICES INC** Leasing of Construction Waste Dumpsters
- **HANSON & FITCH INC** Leasing of Temporary Toilets and Hand Wash Stations
- **KIER & WRIGHT CIVIL ENGINEERS AND SURVEYORS, INC.**
  Construction
  Survey
- **TRC ENGINEERS INC** Construction Materials Inspections and Testing
- **JAN PRO COMMERCIAL CLEANING** Temporary Facilities (Trailers) Cleaning
- **TRC ENGINEERS INC.** Hazardous Soils Testing
- **Central Concrete Supply** Ready Mix Concrete
- **C. Overaa & Co.** General Site Grading and Foundations
- **F-3** Surveyor
- **CASEY-FOGLI** Cement Finishing
- **CF&T** Concrete Pumping

- **DURAN & VENABLES** for all the excavating, backfilling
- **Harder Mechanical** CW Pipe Installation and HRSG Erection
- **North American Dismantling** Existing HRSG demolition
- **AZCO** Structural steel, balance of piping
- **Hanson CW Pipe** Mfg'd in Illinois because only supplier that could make Project Schedule delivery dates on site
- **To Be Awarded** Temporary Fencing
  No additional awards are currently forecasted

Date: August 27, 2012

EQUIPMENT / SERVICE DESCRIPTION	MANUFACTURER	LOCATION	COMMENTS
Field Office Trailer Furniture	RD Office Solution	Burlingame, CA	
Temporary Warehouse Facilities	Big Top Manufacturing	Perry, FL	
Pest Extermination Services	Western Exterminator Company	San Jose, CA	
Picnic Table for Craft Tent	ParkNPool Corporation	Lexington, VA	
Office Equipment Move	Speedy Movers	San Jose, CA	
Fire Extinguishers	Cintas Fire Protection	San Jose, CA	
Office Equipment Move	All Reasons	San Jose, CA	
BWFP Consulting	Healy Engineering, Inc.	Milton, MA	CH2M HILL supplier on multiple projects
HEP Systems Design	Fronek Power Systems, LLC	Orangeburg, NY	CH2M HILL supplier on multiple projects
3rd Party Inspection at NuSteel	CWI Consultants, Inc.	Warrior, AL	CBO approved
QA/QC Inspection at Site	Project Management Quality Services, LLC	Oak, Island, NC	CH2M HILL supplier on multiple projects
3rd Party Inspection Construction Material	Construction Materials Testing, Inc.	Concord, CA	
3rd Party Inspection at NuSteel	Team Industrial Service	Daphne, AL	CBO approved
Reinforcing Steel Package	Mission City Rebar	Santa Clara, CA	
LECEF CT & STG Embeds	G2 Metal Fab	Livermore, CA	
BOP Structural Steel	Nu Steel Fabricators	Childersburg, AL	Parent Co: Kern Steel, Bakersfield, CA
Sanitary Lift Stations	Triple D	Waco, TX	Only proposal received
Packaged Electric Steam Boiler	Precision Mfg. LLC	Morristown, TN	CH2M HILL supplier on multiple projects
Chemical Feed Skid	Reetex LTD	Hockley, TX	On Calpine AML
HRSG Blowdown Tank/Steam Drain & Ammonia Tanks	CH Murphy / Clark-Ullman	Portland, OR	On Calpine AML
Fuel Gas Conditioning Skid	Peerless Mfg. Co.	Dallas, TX	On Calpine AML
Turbine By-Pass & Spray Water Attemperation Valves	Control Components Inc.	Rancho Santa Margarita, CA	
Oily Water Separator	Highland Tank	Stoystown, PA	On Calpine AML
Boiler Feedwater Pumps	Flowserve	Madrid, Spain	On Calpine AML
Closed Cooling Tower Heat Exchanges	Alfa Laval	Richmond, VA	On Calpine AML
Condensate Pumps	Flowserve	Taneytown, MD	On Calpine AML
Vertical Sump Pump	Goulds Pumps	Seneca Falls, NY	On Calpine AML
Duplex Submersible Sump Pump	Roberts & Brune Company	Redwood City, CA	
Chemical Feed Containment Sump Pumps	Ferguson Enterprises Inc.	Roseville, MN	On Calpine AML
Fuel Gas Compressor	UE Compression	Oklahoma City, OK	On Calpine AML
Circulating Water Pumps	Flowserve	ECATEPEC, ESTADO DE MEXICO	On Calpine AML
Silencers	Penn Separator Corporation	Brookville, PA	On Calpine AML
Cold Reheat Relief Silencers	Peerless Mfg. Co.	Dallas, TX	On Calpine AML
480V Switchgear Replacement Parts	Powell Electrical Systems, Inc.	Houston, TX	On Calpine AML
15Kv Bus Duct	Powell / Delta Unibus	Northlake, IL	On Calpine AML
Power Distribution Center	Eaton Corporation	Moontownship, PA	On Calpine AML
Project Cable Tray	Anixter, Inc.	Dallas, TX	On Calpine AML
Cathodic Protection	Mesa Products	Tulsa, OK	On Calpine AML
SWYD – HV Circuit Breakers	Siemens Energy, Inc.	Wendell, NC	On Calpine AML
SWYD - Minor Materials	Dis-Tran Packaged Substations, LLC	Pineville, LA	CH2M HILL supplier on multiple projects
HV Relay Metering Panel	Electrical Power Products, Inc.	Des Moines, IA	On Calpine AML
All Project Cable	Houston Wire & Cable	Houston, TX	CH2M HILL supplier on multiple projects
Secondary Unit Substation	GexPro	Denver, CO	On Calpine AML
Distributed Control System	Emerson Process Mgmt.	Pittsburg, PA	On Calpine AML
Sample / Analysis Panel	Sentry Equipment Corp	OCONOMOWOC, WI	On Calpine AML
Continuous Emissions Monitoring	Cisco	Englewood, CO	On Calpine AML
Pressure Transmitters	Emerson / Rosemount	Chanhassen, MN	On Calpine AML
Pressure Gauges	Control Equipment Sales	Marietta, GA	Authorized Rep for AML
Level Switches	Applied Control Equipment	Centennial, CO	Authorized Rep for AML

Date: August 27, 2012

EQUIPMENT / SERVICE DESCRIPTION	MANUFACTURER	LOCATION	COMMENTS
Level Gauges & Instruments	Emerson / Rosemount and Applied Control	Pittsburgh, PA / Centennial, CO	On Calpine AML
Level Gauges & Instruments	Rosemount / Emerson	Chanhassen, MN	On Calpine AML
Guided Rave Radar Level Transmitter	Applied Control Equipment	Centennial, CO	Authorized Rep for AML
Test Thermowells	Applied Control Equipment	Centennial, CO	Authorized Rep for AML
Temperature Elements w/Thermowells	Sandelius	Houston, TX	On Calpine AML
Thermometers w/assoc. Thermowells	Applied Control Equipment	Centennial, CO	Authorized Rep for AML
Flow Nozzles, Elements & Orifices	Fluidic Techniques	Mansfield, TX	On Calpine AML
Turbine Flow Meter	FMC Technologies	Dallas, TX	Authorized Rep for AML
Pressure Relief Valves	Bay Valve Service	Seattle, WA	On Calpine AML
Modulating Globe Valves	Control Southern Inc.	Suwanee, GA	Authorized Rep for AML
Control Valves Butterfly	Control Southern Inc.	Suwanee, GA	Authorized Rep for AML
On-Off Valves	Severe Service Spec.	Trussville, AL	Authorized Rep for AML
Soft Seat Ball Valves	Applied Control Equipment	Centennial, CO	Authorized Rep for AML
Desuperheaters	Control Southern Inc.	Suwanee, GA	Authorized Rep for AML
Weather Station	Novalynx Corp	Auburn, CA	
Self Controlled Regulators	Control Southern Inc.	Suwanee, GA	Authorized Rep for AML
Circulating Water Pipe	Hanson Pipe & Precast	Grand Prairie, TX	Only supplier able to meet delivery
UG Pipe - CS/SS	Bakersfield Pipe & Supply	Bakersfield, CA	
UG Pipe - HDPE	ISCO Industries, LLC	Fayetteville, GA	Authorized Rep for AML
LB Critical Pipe -Fabrication	AZCO, Inc.	Kenosha, WI	On Calpine AML
LB Critical Pipe - Supply	Edgen Murray Corp.	Baton Rouge. LA	On Calpine AML
AWWA Butterfly Valves	Bray International Inc.	Houston, TX	On Calpine AML
Critical Valves	Flowserve US Inc.	Raleigh, NC	On Calpine AML
Metal Seated Valves	Severe Service Spec.	Trussville, AL	Authorized Rep for AML
Manual Values	Sunbelt Supply Co.	Houston, TX	Authorized Rep for AML
Manual Values	Ferguson Power Group	Louisville, KY	Authorized Rep for AML/National Agreement w/CH2M HILL
Manual Values	Valve Products Inc.	Tucker, GA	Authorized Rep for AML
Air Release / Air Vacuum Valves	Control Equipment Sales	Marietta, GA	Authorized Rep for AML
Engineered Pipe Supports	Lisega, Inc.	Kodak, TN	CH2M HILL supplier on multiple projects
Non Metallic Expansion Joints	General Rubber Corporation	Tucson, AZ	On Calpine AML
Safety Showers & Eye Wash Stations	Ferguson Enterprises Inc.	Roseville, MN	On Calpine AML
Piping Specialties - Steam Traps	Associated Flow Controls	San Ramon, CA	
Piping Specialties - Flexible Metallic Hose	Ferguson Enterprises Inc.	Roseville, MN	On Calpine AML
Piping Specialties - Hose Couplings	Ferguson Enterprises Inc.	Roseville, MN	On Calpine AML
Strainer - Simplex/Duplex	LC Associates	Spring, TX	On Calpine AML
Drain Hubs & Clean Outs	Ferguson Enterprises Inc.	Roseville, MN	On Calpine AML
Temporary Trailer Leasing	Modspace	Berwyn, PA	National Agreement w/CH2M HILL, supplied by local office
Leasing Of Constr. Waste Recycling Containers	*Republic Waste Services of Santa Clara County	Phoenix, AZ	*Name change From Allied Waste; contract w/City of San Jose
Bottled Water	Big Bear Distributing	Freedom, CA	
Security Services	The Landshire Group	Newark, CA	
Construction Material Inspection & Testing	Signet Testing Labs	Hayward, CA	
Dust Control / Water Truck	Broom Service Inc.	Cupertino, CA	
Sweeper Truck	Broom Service Inc.	Cupertino, CA	
O&M Manuals & Training	Tri-Tech Energy Services	Cumming, GA	CH2M HILL supplier on multiple projects

CONDITION OF CERTIFICATION
TRANS-2

Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

TRANS-2

See separate attachment for TRANS 2, which contains transportation and heavy haul permits.

CONDITION OF CERTIFICATION
TRANS-4

Los Esteros Critical Energy Facility, Phase 2
Monthly Compliance Report #15
August 2012

Work Done to Support TRANS-4:

- Craft parking lot completed in late June allowing construction workers to access the project from the 13-acre lay down area

- Construction workers are using McCarthy Road/Ranch Drive intersection to travel to and from the project site

- Gravel roadway placed to support construction worker vehicle traffic entering the project site K-rails installed to protect workers walking from the parking area to the project site Construction signage erected on Thomas Foon Chew Way

- Safety & SWPPP fencing installed at entrance gate and along gravel roadway near Highway 237 Bikeway path

- Handicap parking space signs and project site plan sign (completed, but not part of Energy Commission conditions of certifications for the project)

- Temporary lighting placed in craft parking lot until long-term electrical lighting plan is approved by CBO

- Lights to be installed in December below K-rails to illuminate walk path leading to construction entrance

REVISED: 8/30/12

PENDING
PAST DUE
IN REVIEW
COMPLETE
Monthly Submittal
When required

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner
AIR QUALITY						
AQ	SC1	PC			Air Quality Construction Mitigation Manager (AQCMM): The project owner shall designate and retain an on-site AQCMM who shall be responsible for directing and documenting compliance with conditions AQ-SC3, AQ-SC4 and AQ-SC5 for the entire project site and linear facility construction. The AQCMM shall not be terminated without written consent from the CPM.	At least 60 days prior to the start of ground disturbance, the project owner shall submit to the CPM for approval, the name, resume, qualifications, and contact information for the on-site AQCMM and all AQCMM Delegates.
AQ	SC2	PC			Air Quality Construction Mitigation Plan (AQCMP): The project owner shall provide an AQCMP, for approval, which details the steps that will be taken and the reporting requirements necessary to ensure compliance with conditions AQ-SC3, AQ-SC4 and AQ-SC5.	At least 60 days prior to the start of any ground disturbance, the project owner shall submit the AQCMP to the CPM for approval.
AQ	SC3	CONS		MCR	The AQCMM shall submit documentation to the CPM in each Monthly Compliance Report (MCR) that demonstrates compliance with the mitigation measures listed in AQ-SC3for the purposes of preventing all fugitive dust plumes from leaving the Project. Deviation from the listed mitigation measures requires prior CPM notification and approval.	The project owner shall include in the MCR (1) a summary of all actions taken to maintain compliance with this condition, (2) copies of any complaints filed with the air district in relation to project construction, and (3) any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this
AQ	SC4	CONS			The AQCMM or an AQCMM Delegate shall monitor all construction activities for visible dust plumes. Observations of visible dust plumes that have the potential to be transported (1) off the project site or (2) 200 feet beyond the centerline of the construction of linear facilities or (3) within 100 feet upwind of any regularly occupied structures not owned by the project owner indicate that existing mitigation measures are not resulting in effective mitigation. If visible dust plumes are observed, the AQCMM or delegate shall implement the procedures outlined in AQ-SC4.	The AQCMP shall include a section detailing how the additional mitigation measures will be accomplished within the time limits specified.
AQ	SC5	CONS		MCR	The AQCMM shall submit to the CPM, in the MCR, a construction mitigation report that demonstrates compliance with the mitigation measures listed in AQ-SC5for the purposes of controlling diesel construction-related emissions. Deviation from the listed mitigation measures shall require prior CPM notification and approval.	The project owner shall include in the MCR (1) a summary of all actions taken to maintain compliance with this condition, (2) copies of all diesel fuel purchase records, (3) a list of all heavy equipment used on site during that month, including the owner of that equipment and a letter from each owner indicating that equipment has been properly maintained, and (4) any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition.
AQ	SC6	ALL			The project owner shall submit to the CPM for review and approval any modification proposed by the project owner to any project air permit. The project owner shall submit to the CPM for review any modification to any air permit for the project proposed by the District or any other agency.	The project owner shall submit any proposed air permit modification to the CPM within five business days of its submittal either by 1) the project owner to an agency, or 2) receipt of proposed modifications from any agency.
AQ	SC6	ALL				The project owner shall submit a final copy of any modified air permit to the CPM within 15 business days after the issue date on the permit.
AQ	SC7	PRE-OP			The project shall surrender the emission offset credits listed in AQ-SC7, as amended, or a modified list, as allowed by this condition, at the time that surrender is required by condition AQ-35 (district permit Part 35)	The project owner shall submit to the CPM a list of ERCs to be surrendered to the District at least 60 days prior to initial startup.
AQ	SC8	ALL			The project owner shall comply with all staff (AQ-SC) and district (AQ) Conditions of Certification.	The project owner shall notify the CPM in writing of any proposed change to a condition of certification pursuant to this condition and shall provide the CPM with any additional information the CPM requests to substantiate the basis for approval.
AQ	SC9	PC			The project owner/operator shall submit documentation proving the previous withdrawal of 34.11 tons of SOx Emissions Reductions Credits (ERCs).	The project owner/operator shall submit proof of previous withdrawal of 34.11 tons of SOx ERCs prior to the start of construction on the Combined Cycle conversion of the project.
AQ	SC9	PRE-OP			The project owner/operator shall further surrender an additional 13.730 tons of SOx ERCs.	The project owner/operator shall surrender the remaining 13.730 tons of SOx ERCs to the district for permanent withdrawal from the bank prior to first fire of any gas turbine following the installation of the duct burners and associated equipment

AQ	SC10	OP		AQ-34	The project owner shall report to the CPM the quantity of CO2 emitted on an annual basis as a direct result of electricity generation.	CO2 emissions shall be reported to the CPM once per calendar year, as part of the first quarterly compliance report submitted each year as required in Condition of Certification AQ-34.
AQ	SC11				DELETED	
AQ	SC12	OP		ACR	The project owner shall not operate S-5 Fire Pump Diesel Engine for testing to demonstrate compliance with a District, State, or Federal emission limit or for reliability related activities (maintenance and other testing, but excluding emission testing) simultaneously with the operation of any gas turbine (S-1, S-2, S-3, or S-4) in start-up mode.	As part of the quarterly and annual compliance reports as required by AQ-34, the project owner shall include information on the date, time, and duration of any violation of this permit condition.
AQ	SC12	OP		AQ-34		As part of the quarterly and annual compliance reports as required by AQ-34, the project owner shall include information on the date, time, and duration of any violation of this permit condition.
AQ	SC13	OP		ACR	The project owner shall limit the operation of S-5 Fire Pump Diesel Engine to the hours between 8 a.m. and 5 p.m. for reliability related activities (maintenance and other testing, but excluding emission testing or emergency operation).	As part of the quarterly and annual compliance reports as required by AQ-34, the project owner shall include information on the date, time, and duration of any violation of this permit condition.
AQ	SC13	OP		AQ-34		As part of the quarterly and annual compliance reports as required by AQ-34, the project owner shall include information on the date, time, and duration of any violation of this permit condition.
AQ	1	PRE-OP		Commissioning Emissions Report	The owner/operator of the LECEF shall minimize the emissions of carbon monoxide and nitrogen oxides from S-1, S-2, S-3 and S-4 Gas Turbines and S-7, S-8, S-9, and S-10 HRSG to the maximum extent possible during the commissioning period.	The project owner/operator shall specifically demonstrate compliance with this Condition of Certification as part of the Commissioning Plan and Monthly Commissioning Emissions Reports required by AQ-5 and AQ-10 respectively
AQ	2	PRE-OP		Commissioning Emissions Report	At the earliest feasible opportunity in accordance with the recommendations of the equipment manufacturers and the construction contractor, the owner/operator shall tune the S-1, S-2, S-3 and S-4 Gas Turbine combustors to minimize the emissions of carbon monoxide and nitrogen oxides.	The project owner/operator shall specifically demonstrate compliance with this Condition of Certification as part of the Commissioning Plan and Monthly Commissioning Emissions Reports required by AQ-5 and AQ-10 respectively.
AQ	3	PRE-OP		Commissioning Emissions Report	At the earliest feasible opportunity and in accordance with the recommendations of the equipment manufacturers and the construction contractor, the owner/operator shall install, adjust and operate the SCR Systems (A-10, A-12, A-14 & A-16) and OC Systems (A-9, A-11, A-13 & A-15) to minimize the emissions of NOx and CO from S-1, S-2, S-3 and S-4 Gas Turbines and S-7, S-8, S-9, and S-10 HRSG.	The project owner/operator shall specifically demonstrate compliance with this Condition of Certification as part of the Commissioning Plan and Monthly Commissioning Emissions Reports required by AQ-5 and AQ-10 respectively.
AQ	4	PRE-OP		Commissioning Emissions Report	Coincident with the steady-state operation of SCR Systems (A-10, A-12, A-14 & A-16) and OC Systems (A-9, A-11, A-13 & A-15) pursuant to AQ-3, the owner/operator shall operate the facility in such a manner that the Gas Turbines (S-1, S-2, S-3 and S-4) comply with the NOx and CO emission limitations specified in AQ-19a and AQ-19c.	The project owner/operator shall specifically demonstrate compliance with this Condition of Certification as part of the Commissioning Plan and Monthly Commissioning Emissions Reports required by AQ-5 and AQ-10 respectively.
AQ	5	PRE-OP			The owner/operator of the Los Esteros Critical Energy Facility shall submit a plan to the District Permit Services Division at least two weeks prior to first firing of S-1, S-2, S-3 & S-4 Gas Turbines and/or S-7, S-8, S-9, & S-10 HRSGs describing the procedures to be followed during the commissioning of the turbines in the combined-cycle configuration.	The project owner/operator shall submit a Commissioning Plan to the District Permit Services Division and the CPM for approval at least two weeks prior to first fire of S-1, S-2, S-3 and S-4.
AQ	6	PRE-OP		Commissioning Emissions Report	During the commissioning period, the owner/operator of the LECEF shall demonstrate compliance with AQ-8 through AQ-10 through the use of properly operated and maintained continuous emission monitors and data recorders for the parameters listed in AQ-6, as amended.	The project owner/operator shall specifically demonstrate compliance with this Condition of Certification as part of the Commissioning Plan and Monthly Commissioning Emissions Reports required by AQ-5 and AQ-10 respectively.
AQ	7	PRE-OP			The owner/operator shall install, calibrate and make operational the District-approved continuous monitors specified in AQ-6, as amended, prior to first firing of each turbine (S-1, S-2, S-3 and S-4 Gas Turbines) and HRSG (S-7, S-8, S-9, and S-10 Heat Recovery Steam Generators).	The project owner/operator shall notify the District and CPM of the date of expected first fire at least 30 days prior to first fire and shall make the project site available for inspection if desired by either the District or CPM.
AQ	8	PRE-OP			The owner/operator shall not operate the facility such that the number of firing hours of S-1, S-2, S-3 and S-4 Gas Turbines and/or S-7, S-8, S-9, and S-10 HRSG without abatement by SCR or OC systems exceed 250 hours for each power train during the commissioning period. Such operation of the S-1, S-2, S-3 and S-4 Gas Turbines without abatement shall be limited to discrete commissioning activities that can only be properly executed without the SCR or OC system in place.	The owner/operator shall provide written notice to the CPM and the District Permit Services & Enforcement Divisions within five business days of completion of all commissioning activities, at which time the unused balance of the 250 firing hours without abatement shall expire.
AQ	9	PRE-OP		Commissioning Emissions Report	The total mass emissions of nitrogen oxides, carbon monoxide, precursor organic compounds, PM10, and sulfur dioxide that are emitted by the S-1, S-2, S-3 and S-4 Gas Turbines and S-7, S-8, S-9, and S-10 HRSG during the commissioning period shall accrue towards the consecutive twelve-month emission limitations specified in AQ-22.	The project owner/operator shall specifically demonstrate compliance with this Condition of Certification as part of each Monthly Commissioning Emissions Report required by AQ-10 and as part of the first Quarterly Operations Report required by AQ-34 after the completion of commissioning

AQ	10	PRE-OP		Commissioning Emissions Report	The owner/operator shall not operate the facility such that the pollutant mass emissions from each turbine (S-1, S-2, S-3, and S-4 Gas Turbines) and corresponding HRSG (S-7, S-8, S-9, and S-10 Heat Recovery Steam Generators) exceed the limits during the commissioning period listed in AQ-10 as amended.	The project owner/operator shall submit to the CPM for approval, a Monthly Commissioning Emissions Report that includes fuel use, turbine operation, post combustion control operation, ammonia use and CEM readings on an hourly and daily basis
AQ	11	PRE-OP			Within sixty (60) days of startup, the owner/operator shall conduct a District approved source test using external continuous emission monitors to determine compliance with AQ-10.	The project owner/operator shall submit the source test plan and results as required in the time frames indicated in this Condition of Certification.
AQ	11	PRE-OP			Thirty (30) days before the execution of the source tests, the owner/operator shall submit to the District a detailed source test plan designed to satisfy the requirements of AQ-11. The owner/operator shall be notified of any necessary modifications to the plan within twenty (20) working days of receipt of the plan; otherwise the plan shall be deemed approved. District comments shall be incorporated into the test plan.	
AQ	11	PRE-OP			The owner/operator shall notify the District within ten (10) days prior to the planned source testing date.	
AQ	11	PRE-OP			Source test results shall be submitted to the District within sixty (60) days of the source testing date.	
AQ	12	OP		AQ-34	Operation of this equipment shall be conducted in accordance with all information submitted with the application (and supplements thereof) and the analyses under which this permit is issued unless otherwise noted below.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.
AQ	13	OP		AQ-34	In the event that any part herein is determined to be in conflict with any other part contained herein, then, if principles of law do not provide to the contrary, the part most protective of air quality and public health and safety shall prevail to the extent feasible.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.
AQ	14	OP			All reasonable expenses, as set forth in the District's rules or regulations, incurred by the District for all activities that follow the issuance of this permit, including but not limited to permit condition implementation, compliance verification and emergency response, directly and necessarily related to enforcement of the permit shall be reimbursed by the owner/operator as required by the District's rules or regulations.	The owner/operators shall make access available to the facility and records upon request as set forth in Condition of Certification AQ-15
AQ	15	OP			As to any part that requires for its effective enforcement the inspection of records or facilities by representatives of the District, the Air Resource Board (ARB), the U.S. EPA, or the CEC, the owner/operator shall make such records available or provide access to such facilities upon notice from representatives of the District, ARB, U.S. EPA, or CEC.	The owner/operator shall maintain records for a minimum of five (5) years and provide access to records and facilities as requested by the ARB, EPA, District and CEC.
AQ	16	PRE-OP			The owner/operator shall notify the District of the date of anticipated commencement of turbine operation not less than 10 days prior to such date. Temporary operations under this permit are granted consistent with the District's rules and regulations	The owner/operators shall notify the District and CPM of the date of anticipated commencement of turbine operation not less than 10 days prior to such date.
AQ	17	OP			The owner/operator shall insure that the gas turbines, HRSGs, emissions controls, CEMS, and associated equipment are properly maintained and kept in good operating condition at all times.	The owner/operators shall make access available to the facility and records upon request as set forth in Condition of Certification AQ-15
AQ	18	OP			The owner/operator shall insure that no air contaminant is discharged from the LECEF into the atmosphere for a period or periods aggregating more than three minutes in any one hour, which is as dark or darker than Ringelmann 1 or equivalent 20% opacity.	The owner/operators shall make access available to the facility and records upon request as set forth in Condition of Certification AQ-15.
AQ	19	OP		AQ-34	a. The emissions of oxides of nitrogen (as NO2) from emission points P-1, P-2, P-3, and P-4 (combined exhaust of gas turbine/HRSG power trains S-1 & S-7, S-2 & S-8, S-3 & S-9, and S-4 & S-10,respectively) each shall not exceed 2.0 ppmvd @ 15% O2 (1-hour rolling average), except during periods of gas turbine startup and shutdown and shall not exceed 4.68 lb/hour (1-hour rolling average) except during periods of gas turbine startup as defined in this permit.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.
AQ	19	OP		AQ-34	b. Emissions of ammonia from emission points P-1, P-2, P-3, and P-4 (combined exhaust of gas turbine/HRSG power trains S-1 & S-7, S-2 & S-8, S-3 & S-9, and S-4 & S-10, respectively) each shall not exceed 5 ppmvd @ 15% O2 (3-hour rolling average), except during periods of start-up or shutdown as defined in this permit. The ammonia emission concentration shall be verified by the continuous recording of the ratio of the ammonia injection rate to the NOx inlet rate into the SCR control system (molar ratio).	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.

AQ	19	OP		AQ-34	c. Emissions of carbon monoxide (CO) from emission points P-1, P-2, P-3, and P-4 (combined exhaust of gas turbine/HRSG power trains S-1 & S-7, S-2 & S-8, S-3 & S-9, and S-4 & S-10, respectively) each shall not exceed 2.0 ppmvd @ 15 % O2 (1-hour rolling average), except during periods of start-up or shutdown as defined in this permit and shall not exceed 2.85 lb/hr (1-hour rolling average) except during periods of start-up as defined in this permit.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.
AQ	19	OP		AQ-34	d. Emissions of precursor organic compounds (POC) from emission points P-1, P-2, P-3, and P-4 (combined exhaust of gas turbine/HRSG power trains S-1 & S-7, S-2 & S-8, S-3 & S-9, and S-4 & S-10, respectively) each shall not exceed 1 ppmvd @ 15% O2 (1-hour rolling average), except during periods of gas turbine startup or shutdown as defined in this permit; and shall not exceed 0.81 lb/hr (1-hour rolling average) except during periods of startup as defined in this permit.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.
AQ	20	OP		AQ-34	Turbine Start-up: The project owner shall ensure that the regulated air pollutant mass emission rates from each of the Gas Turbines (S-1 & S-3) during a startup does not exceed the limits established in AQ-20, as amended.	The project owner shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.
AQ	21	OP		AQ-34	Turbine Shutdown: The project owner shall operate the gas turbines so that the duration of a shutdown does not exceed 30 minutes per event, or other time period based on good engineering practice that has been approved in advance by the BAAQMD. Shutdown begins with the initiation of the turbine shutdown sequence and ends with the cessation of turbine firing.	The project owner shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.
AQ	22	OP		AQ-34	The owner/operator shall operate the LECEF so that the mass emissions from the S-1, S-2, S-3 & S-4 Gas Turbines and S-7, S-8, S-9, & S-10 HRSGs do not exceed the daily and annual mass emission limits specified in AQ-22, as amended. The owner/operator shall implement process computer data logging that includes running emission totals to demonstrate compliance with these limits so that no further calculations are required.	The project owner shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.
AQ	23	OP		AQ-34	The owner/operator shall operate the LECEF so that the sulfuric acid mist emissions (SAM) from S-1, S-2, S-3, S-4, S-7, S-8, S-9, and S-10 combined do not exceed 7 tons totaled over any consecutive four quarters.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.
AQ	24	OP		AQ-34	In order to comply with the mass emission limits of this rule, the owner/operator shall operate the gas turbines and HRSGs so that they comply with the operational limits of AQ-24, as amended.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.
AQ	25	OP			The owner/operator shall ensure that each gas turbine/HRSG power train complies with the monitoring requirements of AQ-25	The owner/operators shall make access available to the facility and records upon request as set forth in Condition of Certification AQ-15.
AQ	26	OP			Within ninety (90) days of the startup of the gas turbines and HRSGs, and at a minimum on an annual basis thereafter, the owner/operator shall perform a RATA on the CEMS in accordance with 40 CFR Part 60 Appendix B Performance Specifications and a source test shall be performed.	
AQ	26	OP			Within ninety (90) days of the startup of the gas turbines and HRSGs, and at a minimum on an annual basis thereafter, the owner/operator shall perform a RATA on the CEMS in accordance with 40 CFR Part 60 Appendix B Performance Specifications and a source test shall be performed.	
AQ	26	OP			A complete test protocol shall be submitted to the District no later than 30 days prior to testing,	At least 30 days prior to the date of each source test, the owner/operator shall submit a source test protocol to the District and the CPM for approval.
AQ	26	OP			Notification to the District at least ten days prior to the actual date of testing shall be provided so that a District observer may be present.	At least 10 days prior to the testing date, the owner/operator shall notify the District and the CPM of the date of the source test.
AQ	26	OP			The written test results of the source tests shall be provided to the District within thirty days after testing.	No more than 30 days after the date of the source test, the owner/operator shall submit the results of the RATA and source test to the District and the CPM for
AQ	27	OP		AQ-34	Within 60 days of start-up of the LECEF in combined-cycle configuration and on a semi-annual basis thereafter, the owner/operator shall conduct a District approved source test on exhaust points P-1, P-2, P-3, and P-4 while each Gas Turbine/HRSG power train is operating at maximum load to demonstrate compliance with the SAM emission limit specified in AQ-23. The owner/operator shall test for (as a minimum) SO2, SO3, and SAM.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.

AQ	27	OP		AQ-34	Within 60 days of start-up of the LECEF in combined-cycle configuration and on a semi-annual basis thereafter, the owner/operator shall conduct a District approved source test on exhaust points P-1, P-2, P-3, and P-4 while each Gas Turbine/HRSG power train is operating at maximum load to demonstrate compliance with the SAM emission limit specified in AQ-23. The owner/operator shall test for (as a minimum) SO2, SO3, and SAM.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.
AQ	28	PRE-OP			The owner/operator shall prepare a written quality assurance program must be established in accordance with 40 CFR Part 75, Appendix B and 40 CFR Part 60 Appendix F.	The owner/operators shall make access available to the facility and records upon request as set forth in Condition of Certification AQ-15.
AQ	29				DELETED	
AQ	30	OP		AQ-34	The owner/operator shall notify the District of any breakdown condition consistent with the District's breakdown regulations.	The project owner/operator shall provide duplicate notification to the CPM of all breakdown notifications provided to the District, as required by District breakdown regulations. The duplicate notification shall be submitted to the CPM at the same time it is submitted to the District. The project owner/operator shall also include all breakdown reports for each quarter as part of the quarterly report required by Condition of Certification AQ-34.
AQ	31	OP		AQ-34	The owner/operator shall notify the District in writing in a timeframe consistent with the District's breakdown regulations following the correction of any breakdown condition.	The project owner/operator shall provide duplicate notification to the CPM of all breakdown notifications provided to the District, as required by District breakdown regulations. The duplicate notification shall be submitted to the CPM at the same time it is submitted to the District. The project owner/operator shall also include all breakdown reports for each quarter as part of the quarterly report required by Condition of Certification AQ-34.
AQ	32	OP			Recordkeeping: The owner/operator shall maintain the records listed in AQ-32. The format of the records is subject to District review and approval	The owner/operators shall make access available to the facility and records upon request as set forth in Condition of Certification AQ-15.
AQ	33	OP			The owner/operator shall maintain all records required by this permit for a minimum period of five years from the date of entry and shall make such records readily available for District inspection upon request.	The owner/operators shall make access available to the facility and records upon request as set forth in Condition of Certification AQ-15.
AQ	34	OP		AQ-34	The owner/operator shall submit to the District a written report for each calendar quarter, within 30 days of the end of the quarter, which shall include the items listed in AQ-34.	The owner/operator shall submit to the District and the CPM for approval, written reports for each calendar quarter, within thirty (30) days of the end of the quarter.
AQ	34	OP		AQ-34		The report submitted in January of each year shall include an annual summary of the four quarterly reports of the preceding year.
AQ	35	PC			The project owner shall provide 23.35 tons of valid NOx emission reduction credits prior to the issuance of the Authority to Construct.	At least 10 days prior to the issuance of the ATC, the project owner/operator shall submit all necessary ERC certificates to the District and provide copies of all documentation to the CPM at the same time.
AQ	36	ALL		AQ-34	The owner/operator shall apply for and obtain all required operating permits from the District in accordance with the requirements of the District's rules and regulations.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34
AQ	37				DELETED	
AQ	38				DELETED	
AQ	39	OP		AQ-34	The project owner shall not operate S-5 Fire Pump Diesel Engine more than 50 hours per year for reliability related activities.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34
AQ	40	OP		AQ-34	The project owner shall operate S-5 Fire Pump Diesel Engine only for the following purposes: to mitigate emergency conditions, for emission testing to demonstrate compliance with a District, State, or Federal emission limit, or for reliability related activities (maintenance and other testing, but excluding emission testing).	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34
AQ	41	OP		AQ-34	The project owner shall operate S-5 Fire Pump Diesel Engine only when a nonresettable totalizing meter (with a minimum display capability of 9,999 hours) that measures the hours of operation for the engine is installed, operated and properly maintained.	The project owners shall make access available to the facility and records upon request as set forth in Condition of Certification AQ-15 and submit photos of the meter in quarterly reports.
AQ	42	OP			The project owner shall maintain the following monthly records as set forth in AQ-42, as amended, in a District approved log for at least 60 months from the date of entry. Log entries shall be retained on site, either at a central location or at the engine's location, and made immediately available to the District staff upon request.	The owner/operators shall make access available to the facility and records upon request as set forth in Condition of Certification AQ-15.

AQ	43	OP			The owner/operator shall operate the facility such that maximum calculated annual toxic air contaminant emissions (pursuant to AQ-45) from the gas turbines and HRSGs combined (S-1, S-2, S-3, S-4, S-7, S-8, S-9, and S-10) do not exceed the limits of AQ-43, unless the following requirement is satisfied: The owner/operator performs a health risk assessment, as set forth in AQ-43,and the District and CPM adjust the carcinogenic compound emission limits. The analysis shall be submitted to the District and the CEC CPM within 60 days of the source test date.	See Condition of Certification AQ-44.
AQ	44	OP			To demonstrate compliance with AQ-43, the owner/operator shall calculate and record on an annual basis the maximum projected annual emissions for the compounds specified in AQ-43 using the maximum heat input of 18,215,000 MMBtu/year and the highest emission factor (pound of pollutant per MMBtu) determined by any source test of the S-1, S-2, S-3 & S-4 Gas Turbines and S-7, S-8, S-9, and S-10 HRSGs.	Within 60 days of the completion of any health risk assessment, the owner/operator shall submit a complete report to the District and the CPM for review.
AQ	45	PRE-OP			Within 60 days of startup of the Los Esteros Critical Energy Facility and on a biennial (once every two years) thereafter, the owner/operator shall conduct a District-approved source test at exhaust point P-1, P-2, P-3, or P-4 while the Gas Turbines are at maximum allowable operating rates to demonstrate compliance with AQ-44.	At least 20 days prior to the intended source test date, the owner/operator shall submit a source testing methodology to the District and CPM for review and approval.
AQ	45	OP			Within 60 days of startup of the Los Esteros Critical Energy Facility and on a biennial (once every two years) thereafter, the owner/operator shall conduct a District-approved source test at exhaust point P-1, P-2, P-3, or P-4 while the Gas Turbines are at maximum allowable operating rates to demonstrate compliance with AQ-44.	At least 20 days prior to the intended source test date, the owner/operator shall submit a source testing methodology to the District and CPM for review and approval.
AQ	45	OP				Within 30 days of the source testing date, all test results shall be submitted to the District and the CEC CPM.
AQ	46	OP		AQ-34	The project owner shall properly install and maintain the cooling towers to minimize drift losses. The project owner shall equip the cooling towers with high efficiency mist eliminators with a maximum guaranteed drift rate of 0.0005%. The maximum total dissolved solids (TDS) measured at the base of the cooling towers or at the point of return to the wastewater facility shall not be higher than 6,000 ppmw (mg/l). The owner/operator shall sample and test the cooling tower water at least once per day to verify compliance with the TDS limit.	The project owner/operator shall verify compliance with this Condition of Certification in each quarterly report required by Condition of Certification AQ-34.
AQ	47	OP		AQ-34	The owner/operator shall perform a visual inspection of the cooling tower drift eliminators at least once per calendar year, and repair or replace any drift eliminator components which are broken or missing.	The project owner/operator shall verify compliance with this Condition of Certification in the fourth quarter report of each year required by Condition of Certification AQ-34.
AQ	47	PRE-OP		AQ-34	Prior to the initial operation of the combined-cycle Los Esteros Critical Energy Facility, the owner/operator shall have the cooling tower vendor's field representative inspect the cooling tower drift eliminators and certify that the installation was performed in accordance with the manufacturer's design and specifications.	The project owner/operator shall verify compliance with this Condition of Certification in the fourth quarter report of each year required by Condition of Certification AQ-34.
AQ	47	PRE-OP		AQ-34	Within 60 days of the initial operation of the cooling tower, the owner/operator shall perform an initial performance source test to determine the PM10 emission rate from the cooling tower to verify compliance with the vendor-guaranteed drift rate specified in AQ-46,	The project owner/operator shall verify compliance with this Condition of Certification in the fourth quarter report of each year required by Condition of Certification AQ-34.
BIOLOGICAL RESOUCES						
BIO	1	PC			Site and related facilities (including any access roads, transmission lines, water and gas lines, storage areas, staging areas, pulling sites, substations, wells, etc) mobilization activities for the combined cycle facility shall not begin until an Energy Commission CPM approved Designated Biologist or approved Biological Monitor(s) are available to be on-site.	At least 35 days prior to the start of any site and related facilities mobilization activities for the combined cycle facility, the project owner shall submit to the CPM for approval the name, qualifications, address, and telephone number of the individual selected by the project owner as the Designated Biologist.
BIO	2	CONS		MCR	The CPM approved Designated Biologist shall perform the requirements of BIO-2 during any site and related facilities mobilization, construction, and operation activities for the combined cycle facility	During site and related facilities mobilization and construction the Designated Biologist shall maintain written records of the tasks described in BIO-2, and summaries of these records shall be submitted along with the Monthly Compliance Reports to the CPM.
BIO	2	OP		ACR	The CPM approved Designated Biologist shall perform the requirements of BIO-2 during any site and related facilities mobilization, construction, and operation activities for the combined cycle facility	During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report.
BIO	3	CONS			The project owner's Construction/Operation Manager for the combined cycle facility shall act on the advice of the Designated Biologist and Biological Monitor(s) to ensure conformance with the Biological Resources Conditions of Certification.	Within 2 working days of a Designated Biologist or Biological Monitor(s) notification of non-compliance with a Biological Resources COC or a halt of construction or operation, the project owner shall notify the CPM by telephone of the circumstances and actions being taken to resolve the problem or the non-compliance with a

BIO	3	OP			The project owner's Construction/Operation Manager for the combined cycle facility shall act on the advice of the Designated Biologist and Biological Monitor(s) to ensure conformance with the Biological Resources Conditions of Certification.	Within 2 working days of a Designated Biologist or Biological Monitor(s) notification of non-compliance with a Biological Resources COC or a halt of construction or operation, the project owner shall notify the CPM by telephone of the circumstances and actions being taken to resolve the problem or the non-compliance with a condition.
BIO	4	PC			The project owner shall develop and implement a CPM approved Worker Environmental Awareness Program in which each of its employees, as well as employees of contractors and subcontractors who work on the project or related facilities during site mobilization, construction and operation of the combined cycle facility, are informed about sensitive biological resources associated with the project.	At least 30 days prior to the start of any site and related facilities mobilization, the project owner shall provide two copies of the WEAP and all supporting written materials and electronic media reviewed or prepared by the Designated Biologist and the name and qualifications of the person(s) administering the program to the CPM for approval.
BIO	4	CONS		MCR		The project owner shall state in the Monthly Compliance Report the number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date.
BIO	4	OP				During project operation, signed statements for active project operational personnel shall be kept on file for six months, following the termination of an individual's employment.
BIO	5	PC			Prior to start of any site or related facilities mobilization activities of the interior side of the levee, the project owner shall acquire a Streambed Alteration Agreement from the CDFG if required, or show CDFG correspondence that indicates no permit is required.	At least 30 days prior to the start of any site or related facilities mobilization activities on the interior side of the levee the project owner shall submit to the CPM a copy of the final CDFG Streambed Alteration Agreement or applicable CDFG correspondence.
BIO	6	PC			The project owner will acquire and implement the terms and conditions of the Regional Water Quality Control Board Section 401 State Clean Water Act certification, if required.	No less than 30 days prior to the start of any site or related facilities mobilization activities on the interior side of the levee, the project owner will provide the CPM with a copy of the final RWQCB certification.
BIO	7	PC			The project owner shall provide a final copy of the Section 404 permit, if required. The project owner will implement the terms and conditions contained in the permit.	No less than 30 days prior to the start of any site and related facilities mobilization of the interior side of the levee, the project owner shall submit to the CPM a copy of the permit required to fill on-site wetlands.
BIO	8	PC			The project owner shall submit to the CPM for review and approval a copy of the final BRMIMP and shall implement the measures identified in the plan. Any changes to the adopted BRMIMP must be made by the Energy Commission staff, in consultation with the USFWS and CDFG.	At least 30 days prior to start of any site or related facility mobilization activities for the combined cycle facility, the project owner shall provide the CPM with 2 copies of the draft final version of the BRMIMP for this project, and provide copies to the USFWS and CDFG.
BIO	8	PRE-OP				Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written report identifying which items of the BRMIMP have been completed, a summary of all modifications to mitigation measures made during the project's construction phase, and which mitigation and monitoring plan items are still outstanding.
BIO	9	OP			The project owner will incorporate into the planned permanent or unexpected permanent closure plan measures that address the local biological resources.	At least 12 months (or a mutually agreed upon time) prior to the commencement of closure activities construction, the project owner shall address all biological resources related issues associated with facility closure in a Biological Resources Element.
BIO	10	PC			The project owner will implement the mitigation measures identified in BIO-10.	All mitigation measures and their implementation methods will be included in the BRMIMP. Two copies of the CPM approved BRMIMP must be provided to the CPM five days prior to site mobilization and copies provided to the USFWS and CDFG.
BIO	11	PC			The applicant shall survey for burrowing owl activities on the 34 acre parcel and along all new ancillary linear facilities prior to site mobilization to assess owl presence and need for further mitigation.	Burrowing owl surveys shall be conducted 20 days prior to any project-related ground disturbance activities.
BIO	11	PC				At least 15 days prior to project related ground disturbance the project owner shall provide the CPM and CDFG with the burrowing owl survey results and identify any lands proposed for mitigation (if applicable). The land purchase shall be approved by the CPM and reviewed by CDFG.

BIO	12	PC			Prior to the start of any site mobilization for the simple-cycle facility, the project owner shall develop the Ordinance and Native Mature Tree Replacement Plan for inclusion into the BRMIMP.	At least 30 day prior to the start of any site and related facilities mobilization, the project owner shall provide to the CPM for review and approval, and to CDFG for review, a Ordinance and Native Mature Tree Replacement Plan as part of the BRMIMP.
BIO	13	CONS			The project owner will acquire a City of San Jose permit to remove any remaining ordinance trees from the simple-cycle facility site.	The terms and conditions of the City of San Jose permit(s) will be incorporated into the project's BRMIMP and submitted at least 90 days prior to removal of any remaining ordinance trees
BIO	14	CONS			After construction, the laydown area will be stripped of any armoring material, the surface scarified, and topsoil restored. Barley seed will be sowed as a temporary cover crop, but native seeds from the topsoil will be allowed to sprout and grow.	The applicant shall provide the revegetation plan in the BRMIMP and submit it within 60 days after the start of any site and related facilities mobilization.
BIO	15	PC			Construction of the permanent outfall to Coyote Creek shall be scheduled to avoid critical seasons. Surveys by a qualified biologist will be conducted prior to any construction activities on the interior side of the levee to locate nests and other resources in/or adjacent to the stormwater right-of-way.	The applicant shall provide this measure as an amendment to the BRMIMP and as part of the roles for the Designated Biologist. Submittals of construction plans must occur 30 days prior to site mobilization on the interior side of the levee wall, but does not preclude the start of construction on the facility site.
BIO	16	PC			To compensate for impacts to serpentine soils and associated endemic species, the project owner shall provide a minimum of 40 acres of land within a high priority (as defined by USFWS) or occupied USFWS Critical Habitat Unit, the name of the entity that will be managing the land in perpetuity, and the endowment funds in the amount determined suitable from the Center for Natural Lands PAR analysis to administer and manage in perpetuity.	Within one month of project certification of the simple-cycle facility, the project owner must provide to the CPM for approval, the name of the management entity, written verification that the compensation lands have been purchased and written verification that the appropriate endowment fund (determined by the PAR analysis) has been received by the approved management entity.
BIO	17	CONS			The applicant will complete a Landscaping Plan for review by the CPM. The project owner shall follow the approved Landscaping Plan during the lifetime of the power plant.	At least 45 days prior to LECEF landscape installation, a Landscaping Plan will be sent to the CPM. All mitigation measures and their implementation methods will be included in the BRMIMP.
BIO	17	CONS				Two copies of the BRMIMP must be provided to the CPM and one copy each provided to both the USFWS and CDFG five days prior to landscape installation.
BIO	18	ALL			The project owner shall provide a final copy of the Section 10 permit from the U.S. Fish and Wildlife Service (if required) to the CPM. The project owner will implement the terms and conditions contained in the permit and incorporate these into the BRMIMP.	The applicant shall provide the CPM with a status report of the Section 10 permit every six months beginning January 2006 until the permit is obtained or is no longer necessary. The status report shall include a table of milestones and the dates milestones were completed or are expected to be completed.
BIO	18	ALL				No less than 30 days after receiving the permit (if required), the project owner shall provide two unbound copies of the Section 10 permit to the CPM.
BIO	19	PC			The project owner shall create a Burrowing Owl Management Plan (Plan) and incorporate the provisions from the Plan into the BRMIMP for review by the CPM.	All mitigation measures and their implementation methods will be included in the BRMIMP.
BIO	19	OP		ACR		The annual compliance report shall provide the CPM with the name and phone number of the landscape maintenance crew supervisor.
BIO	20	CONS		MCR	During construction of the combined cycle facility, the project owner shall distribute flyers to project-construction employees informing them of the possible presence of burrowing owls near Thomas Foon Chew Way. The project owner shall highlight that the posted speed limit is 15 mpg along Thomas Foon Chew Way.	All mitigation measures and their implementation methods will be included in the BRMIMP. The monthly compliance report shall include the number of possible speed limit violations. The CPM reserves the right to inspect the primary access road for signs and to contact the construction manager to correct problems.
BIO	21	PC			The project owner shall submit the resume and contact information of the proposed Biological Monitor(s) to the CPM for review.	The project owner shall submit the specified information to the CPM for review at least 30 days prior to the start of any site (or related facilities) mobilization.
BIO	21	CONS		MCR		The Designated Biologist shall submit a written statement to the CPM confirming that individual Biological Monitor(s) have been trained including the date when training was completed as part of the MCR or annual reporting.
BIO	21	CONS				If additional biological monitors are needed during construction the specified information shall be submitted to the CPM for review 10 days prior to their first day monitoring activities.
BIO	22	PC			The project owner must surrender to the BAAQMD a package of emission offsets which contain at least 27.945 tons per year nitrogen oxide.	At least 60 days prior to construction, the project owner/operator must surrender the ERC certificates and provide copies to the CPM. The total emission offsets that are nitrogen based must be clearly identified in the cover letter.

CULTURAL RESOUCES						
CUL	1	PC			Prior to the start of ground disturbance, the project owner shall provide the California Energy Commission Compliance Project Manager (CPM) with the name and resume of its Cultural Resources Specialist (CRS), and an alternate CRS, if an alternate is proposed, who will be responsible for implementation of all cultural resources conditions of certification.	At least 45 days prior to the start of ground disturbance, the project owner shall submit the name and statement of qualifications of its CRS and alternate CRS, if an alternate is proposed, to the CPM for review and approval.
CUL	1	PC				At least 20 days prior to ground disturbance, the CRS shall provide a letter naming anticipated monitors for the project and stating that the identified monitors meet the minimum qualifications for cultural resource monitoring required by this condition.
CUL	1	PC				At least 10 days, prior to the start of ground disturbance, the project owner shall confirm in writing to the CPM that the approved CRS will be available for onsite work and is prepared to implement the cultural resources conditions of certification.
CUL	2	PC			Prior to the start of ground disturbance, the project owner shall provide the CRS and the CPM with maps and drawings showing the footprint of the power plant and all linear facilities.	At least forty days prior to the start of ground disturbance, the project owner shall provide the designated cultural resources specialist and the CPM with the maps and drawings.
CUL	2	PC			If construction of this project will proceed in phases, maps and drawings may be submitted in phases. A letter identifying the proposed schedule of each project phase shall be provided to the CPM and the CRS.	If this is to be a phased project, a letter identifying the proposed schedule of the ground disturbance or construction phases of the project shall also be submitted.
CUL	2	CONS			Prior to implementation of additional phases of the project, current maps and drawings shall be submitted to the CPM and the CRS.	At least 30 days prior to the start of ground disturbance on each phase of the project, following initial ground disturbance, copies of maps and drawings reflecting additional phases of the project, shall be provided to the CPM for review and approval.
CUL	2	CONS		MCR	At a minimum, the CRS shall consult weekly with the project superintendent or construction field manager to confirm area(s) to be worked during the next week, until ground disturbance is completed. A current schedule of anticipated project activity shall be provide to the CRS on a weekly basis during ground disturbance and provided to the CPM in each Monthly Compliance Report (MCR).	
CUL	2	CONS				If there are changes to the scheduling of the construction phases of the project, a letter shall be submitted to the CPM within 5 days of identifying the changes.
CUL	3	PC			Prior to the start of project construction-related vegetation clearance or earth disturbing activities or project site preparation; the designated cultural resources specialist shall prepare, and the project owner shall submit to the CPM for review and approval a Cultural Resources Monitoring and Mitigation Plan (CRMMP) identifying general and specific measures to minimize potential impacts to sensitive cultural resources has been approved by the CPM	At least 10 days prior to the start of project construction changes, related vegetation clearance or earth disturbing activities or project site preparation, the project owner shall provide to the CPM for review and approval an amendment to the Cultural Resources Monitoring and Mitigation Plan, prepared by the designated cultural resource specialist.
CUL	4	PC			Worker Environmental Awareness Training for all new employees shall be conducted prior to and during periods of ground disturbance.	At least 30 days prior to ground disturbance, the project owner shall provide a letter to the CPM stating that employees will not begin work until they have completed environmental training and that a sticker on hard hats will identify workers who have received
CUL	4	PC		MCR	Workers shall sign an acknowledgement form that they have received training and a sticker shall be placed on hard hats indicating that environmental training has been completed.	Copies of acknowledgement forms signed by trainees shall be provided in the MCR.
CUL	5	CONS			The project owner shall ensure that the CRS, alternate CRS, or monitors shall monitor ground disturbance full time in the vicinity of the project site, linears and ground disturbance at laydown areas to ensure there are no impacts to undiscovered resources.	During the ground disturbance phases of the project, if the CRS wishes to reduce the level of monitoring occurring at the project, a letter or e-mail identifying the area(s) where the CRS recommends the reduction and justifying the reductions in monitoring shall be submitted to the CPM for review and approval.
CUL	5	CONS		MCR	Those individuals conducting cultural resources monitoring shall keep a daily log describing the construction activities, areas monitored, soils observed, and any cultural materials observed.	During the ground disturbance phases of the project, the project owner shall include in the MCR to the CPM copies of the daily cultural resource monitoring reports. Copies of daily logs shall be retained.
CUL	5	CONS			The CRS shall notify the project owner and the CPM, by telephone or e-mail, of any incidents of non-compliance with any cultural resources conditions of certification within 24 hours of becoming aware of the situation.	Within 24 hours of recognition of a non-compliance issue, the CRS shall notify the CPM by telephone of the problem and of steps being taken to resolve the problem.

CUL	5	CONS		MCR		In the event of a non-compliance issue, a report written no sooner than two weeks after resolution of the issue that describes the issue, resolution of the issue and the effectiveness or the resolution measures, shall be provided in the next MCR.
CUL	5	CONS			A Native American monitor shall be obtained to monitor activities if Native American archeological materials are discovered. Informational lists of concerned Native Americans and Guidelines for monitoring shall be obtained from the Native American Heritage Commission.	When Native American archeological materials are discovered, the project owner shall send notification to the CPM identifying the person(s) retained to conduct Native American monitoring.
CUL	6	PC			The designated cultural resource specialist or the specialist's delegated monitor(s) shall have the authority to halt or redirect construction if previously unknown cultural resource sites or materials are encountered during project construction-related vegetation clearance or earth disturbing activities or project site preparation or if known cultural resources will be affected in an unanticipated manner.	At least 30 days prior to the start of project construction-related vegetation clearance or earth disturbing activities and site preparation; the project owner shall provide the CPM with a letter confirming that the designated cultural resources specialist and delegated monitor(s) have the authority to halt construction activities in the vicinity of a cultural resource find. The project owner shall also provide to the CPM, for review and written approval, a set of work curtailment procedures to be followed in the event that previously unknown cultural resources are discovered during
CUL	6	CONS			If any cultural resources are encountered, the project owner shall notify the CPM within 24 hours.	
CUL	7				DELETED	
CUL	8	CONS			The project owner shall ensure that the designated cultural resource specialist performs the testing, recovery, preparation for analysis, analysis, preparation for curation, and delivery for curation of cultural resource materials encountered and collected during pre-construction surveys, testing and during the monitoring, data recovery, mapping, and mitigation activities related to the project.	If archeological materials are found, the project owner shall maintain in its compliance files, copies of signed contracts or agreements with the museum(s), university(ies), or other appropriate research specialists. The project owner shall maintain these files for the life of the project and the files shall be kept available for periodic audit by the CPM. Information as to the specific location of sensitive cultural resource site shall be kept confidential and accessible only to qualified cultural resource specialists.
CUL	9	CONS			After completion of the project, the project owner shall ensure that the CRS prepares a Cultural Resources Report (CRR) according to the Archaeological Resource Management Reports Guidelines as recommended by the California Office of Historic Preservation.	After completion of the project, the project owner shall ensure that the CRS completes the CRR within ninety days following completion of the analysis of the recovered cultural materials. Within seven days after completion of the report, the project owner shall submit the CRR to the CPM for review and approval.
CUL	9	CONS				Within 30 days after receiving approval of the CRR, the project owner shall provide to the CPM documentation that the report has been sent to the State Historic Preservation Officer and the appropriate archaeological information center(s).
CUL	10	CONS			If significant cultural resource deposits are encountered through testing or project monitoring, the project owner shall ensure that all cultural resource materials, maps, and data collected during data recovery and mitigation for the project are delivered to a public repository that meets the US Secretary of Interior requirements for the curation of cultural resources following the filing of the CPM-approved CRR with the appropriate entities. The project owner shall pay any fees for curation required by the repository.	The project owner shall ensure that all significant recovered cultural resource materials and a copy of the CRR are delivered for curation. Significance will be determined after consultation with the CPM. The project owner shall provide a copy of the transmittal letter received from the curation facility and provide a copy to the CPM within thirty days after receipt.
CUL	10	CONS				For the life of the project, the project owner shall maintain in its compliance files copies of signed contracts or agreements with the public repository to which the project owner has delivered for curation all cultural resource materials collected during testing, data recovery and mitigation for the project.
CUL	11	PC			Prior to any additional project-related activities which may result in ground disturbance, the project owner must ensure that the area(s) to be impacted have been subject to a cultural resource surveys for this project, if current (within 5 years) surveys for those areas do not already exist. If significant cultural resources will be affected then mitigation measures will be determined in consultation with the CPM.	The project owner shall provide the results of any additional cultural resource surveys and evaluations in the form of a technical report (with request for confidentiality if needed), along with any associated maps, to the CPM at least thirty (30) before any project-related construction is to take place. All required mitigation will be completed prior to construction.
FACILITY DESIGN						
GEN						

GEN	1	PRE-OP	X		The project owner shall design, construct and inspect the project in accordance with the 2001 CBSC which and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval.	Within 30 days after receipt of the Certificate of Occupancy, the project owner shall submit to the Compliance Project Manager (CPM) a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation and inspection requirements of the applicable LORS and the Energy Commission's Decision have been met in the area of facility design.
GEN	1	PRE-OP				The project owner shall provide the CPM a copy of the Certificate of Occupancy within 30 days of receipt from the CBO.
GEN	1	PC				Once the Certificate of Occupancy has been issued, the project owner shall inform the CPM at least 30 days prior to any construction, addition, alteration, moving, demolition, repair, or maintenance to be performed on any portion(s) of the completed facility which may require CBO approval for the purpose of complying with the above stated codes.
GEN	2	PC	X		Prior to submittal of the initial engineering designs for CBO review, the project owner shall furnish to the CPM and to the CBO a preliminary schedule of facility design submittals, a Master Drawing List, and a Master Specifications List.	At least 30 days prior to the start of rough grading, the project owner shall submit to the CBO and to the CPM the preliminary schedule, the Master Drawing List, and the Master Specifications List of documents for major structures and equipment (see GEN-2, Table 1) to be submitted to the CBO for review and approval.
GEN	2	CONS		MCR		The project owner shall provide schedule updates in the Monthly Compliance Report.
GEN	2	CONS	004		Construction QA/QC Manual	
GEN	2	CONS	050		Master Document List	
GEN	2	CONS	051		Civil Specification	

GEN	2	CONS	051		Structural Specification	
GEN	2	CONS	51		Mechanical Specification	
GEN	2	CONS	51		Welding Procedure Specifications	
GEN	2	CONS	51		Architectural Specifications	

GEN	2	CONS	51		Electrical Specifications	
GEN	2	CONS	050		Calpine Vendor Master Document List	CH2M HILL approved disposition received 8/2/11
GEN	1		54		Welding Procedures and Certs	
GEN	2	CONS	952		HRSG Crane Plan	
GEN	2	CONS	953		HRSG Lifting Lugs	
GEN	2	CONS	1200		SMP Sampling Plan	
GEN	3	CONS		MCR	The project owner shall make payments to the CBO for design review, plan check and construction inspection based upon a reasonable fee schedule to be negotiated between the project owner and the CBO.	The project owner shall send a copy of the CBO's receipt of payment to the CPM in the next Monthly Compliance Report indicating that the applicable fees have been paid.
GEN	4	PC	X		The project owner shall assign a California registered architect, structural engineer or civil engineer, as a Resident Engineer (RE), to be in general responsible charge of the project.	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of rough grading, the project owner shall submit to the CBO for review and approval, the name, qualifications and registration number of the RE and any other delegated engineers assigned to the project.
GEN	4	PC				The project owner shall notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within five days of the approval.

GEN	4	CONS	1		Resident Engineer	
GEN	4	CONS				If the RE or delegated engineer(s) are subsequently reassigned or replaced, the project owner has five days in which to submit the name, qualifications, and registration number of the newly assigned engineer to the CBO for review and approval.
GEN	5		2		Responsible Engineers CA PE's	
GEN	5		53		RDE Log	
GEN	5		55		Verification	
GEN	5		904		Harder Welder Roster	
GEN	5	PC	X		Prior to the start of rough grading, the project owner shall assign at least one of each of the following California registered engineers to the project: A) a civil engineer; B) a soils engineer, or a geotechnical engineer or a civil engineer experienced and knowledgeable in the practice of soils engineering; C) an engineering geologist.	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of rough grading, the project owner shall submit to the CBO for review and approval, resumes and registration numbers of the responsible civil engineer, soils (geotechnical) engineer and engineering geologists assigned to the project.
GEN	5	PC	X		Prior to the start of construction, the project owner shall assign at least one of each of the following California registered engineers to the project: D) a design engineer, who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports; E) a mechanical engineer; and F) an electrical engineer.	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of construction, the project owner shall submit to the CBO for review and approval, resumes and registration numbers of the responsible design engineer, mechanical engineer and electrical engineer assigned to the project.
GEN	5	PC				The project owner shall notify the CPM of the CBO's approvals of the responsible engineers within five days of the approval.
GEN	5	CONS				If the designated responsible engineer is subsequently reassigned or replaced, the project owner has five days in which to submit the name, qualifications, and registration number of the newly assigned engineer to the CBO for review and approval.
GEN	6	CONS	X		Prior to the start of an activity requiring special inspection, the project owner shall assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2001 CBC, Chapter 17 [Section 1701, Special Inspections; Section, 1701.5 Type of Work (requiring special inspection)]; and Section 106.3.5, Inspection and observation program. Weld inspectors shall be certified by the American Welding Society and/or the American Society of Mechanical Engineers	At least 15 days (or project owner and CBO approved alternative timeframe)prior to the start of an activity requiring special inspection, the project owner shall submit to the CBO for review and approval, with a copy to the CPM, the name(s) and qualifications of the certified weld inspector(s), or other certified special inspector(s) assigned to the project to perform one or more of the duties set forth above.

GEN	6	CONS		MCR		The project owner shall also submit to the CPM a copy of the CBO's approval of the qualifications of all special inspectors in the next Monthly Compliance Report.
GEN	6	CONS				If the special inspector is subsequently reassigned or replaced, the project owner has five days in which to submit the name, qualifications, and registration number of the newly assigned engineer to the CBO for review and approval.
GEN	6	CONS	052		Special Inspector	Matrix and resumes for Alberto Cortez, Staff Engineer; Arthur R. Williams, Assistant Construction Services Manager; Jimmie Miller, Special Inspector; Gary Klopson, Special Inspector; John Oliveira, Field Supervisor; Gabriel Velasquez, Senior Field Supervisory Technician. Certs for Akins, Klopson, Mossman, Tyler Deeds, revised matrix
GEN	6	CONS	52		Special Inspector	Sean Fuller
GEN	6	CONS	52		Special Inspector	Cesar Ramirez, Dennis Haney, Howard Chippero, Jeffrey Flint, Kenny Dominguez, Michael Bell, Robert Bigford
GEN	6	CONS	52		Special Inspector	Denise Corkill, updated matrix
GEN	6	CONS	52		Special Inspector	Mark Hopkins, updated matrix. Updated matrix to include Sean Fuller. David Knight and updated matrix
GEN	6	CONS	52		Special Inspector	

GEN	7	CONS	X	MCR	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend the corrective action required. The discrepancy documentation shall be submitted to the CBO for review and approval.	The project owner shall transmit a copy of the CBO's approval of any corrective action taken to resolve a discrepancy to the CPM in the next Monthly Compliance Report.
GEN	7	CONS				If any corrective action is disapproved, the project owner shall advise the CPM, within five days, the reason for disapproval and the revised corrective action to obtain CBO's approval.
GEN	8	CONS	X	MCR	The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. The project owner shall notify the CPM after obtaining the CBO's final approval.	Within 15 days of the completion of any work, the project owner shall submit to the CBO, with a copy to the CPM, in the next Monthly Compliance Report, (a) a written notice that the completed work is ready for final inspection, and (b) a signed statement that the work conforms to the final approved plans.
GEN	8	CONS				After storing final approved engineering plans, specifications and calculations as described above, the project owner shall submit to the CPM a letter stating that the above documents have been stored and indicate the storage location of such documents.
CIVIL						
CIVIL	1	PC	X		The project owner shall submit to the CBO for review and approval the following: 1. Design of the proposed drainage structures and the grading plan; 2. An erosion and sedimentation control plan; 3. Related calculations and specifications, signed and stamped by the responsible civil engineer; and 4. Soils Report, Geotechnical Report of Foundation Investigations Report required by the 2001 CBC.	At least 15 days (or project owner and CBO approved alternative timeframe) prior to the start of site grading, the project owner shall submit the documents described above to the CBO for review and approval.
CIVIL	1	CONS		MCR		In the next Monthly Compliance Report following the CBO's approval, the project owner shall submit a written statement certifying that the documents have been approved by the CBO.
CIVIL	1	CONS	100		Soil Backfill Inspection Report	
CIVIL	1		101		Geotechnical Investigation Reports	
CIVIL	1	CONS	102		Drainage and Grading	
CIVIL	3		103		Soil and Waster test results	
CIVIL	1	CONS	104		Dewatering Plan	
CIVIL	1	CONS	105		Shield Shoring Design Calculations	
CIVIL	1	CONS	304		Revised Submittal Utility Reroute Plan	
CIVIL	2	CONS	x		The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible soils engineer, geotechnical engineer, or civil engineer experienced and knowledgeable in the practice of soils engineering identifies unforeseen adverse soil or geologic conditions. The project owner shall submit modified plans, specifications and calculations to the CBO based on these new conditions.	The project owner shall notify the CPM within 24 hours, when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions.
CIVIL	2	CONS			The project owner shall obtain approval from the CBO before resuming earthwork and construction in the affected area.	Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, the project owner shall provide to the CPM a copy of the CBO's approval.

CIVIL	3	CONS	x		The project owner shall perform inspections in accordance with the 2001 CBC. All plant site-grading operations shall be subject to inspection by the CBO and the CPM. If, in the course of inspection, it is discovered that the work is not being done in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM	Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CBO and the CPM a Non-Conformance Report (NCR), and the proposed corrective action for review and approval.
CIVIL	3	CONS	x		The project owner shall prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, noncompliance items, and the proposed corrective action.	Within five days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CBO and the CPM.
CIVIL	3	CONS		MCR		A list of NCRs, for the reporting month, shall be included in the following Monthly Compliance Report.
CIVIL	4	CONS	x		After completion of finished grading and erosion and sedimentation control and drainage work, the project owner shall obtain the CBO's approval of the final grading plans (including final changes), for the erosion and sedimentation control work.	Within 30 days (or project owner and CBO approved alternative timeframe) of the completion of the erosion and sediment control mitigation and drainage work, the project owner shall submit to the CBO, for review and approval, the final grading plans (including final changes) and the responsible civil engineer's signed statement that the installation of the facilities and all erosion control measures were completed in accordance with the final approved combined grading plans, and that the facilities are adequate for their intended purposes.
CIVIL	4	CONS		MCR		The project owner shall submit a copy of the CBO's approval to the CPM in the next Monthly Compliance Report.
STRUC						
STRUC	1	CONS	X		The project owner shall submit to the CBO for design review and approval the proposed lateral force procedures for project structures and the applicable designs, plans and drawings for project structures. Construction of any structure or component shall not commence until the CBO has approved the lateral force procedures.	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of any increment of construction of any structure or component listed in Facility Design Table 1 of Condition of Certification GEN-2, the project owner shall submit to the CBO the above final design plans, specifications and calculations, with a copy of the transmittal letter to the CPM.
STRUC	1	CONS		MCR		The project owner shall submit to the CPM, in the next Monthly Compliance Report a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and are in compliance with the requirements set forth in the applicable engineering LORS.
STRUC	1	CONS	201		HRSG Foundation Load Stdy	
STRUC	1	CONS	202		HRSG Foundation & Calculations	
STRUC	1	CONS	202		Statements of Special Inspections	

STRUC	1	CONS	203		STG Foundation & Calculations	
STRUC	1	CONS	204		Cooling Tower Foundation & Calculations	
STRUC	1	CONS	205		Cooling Tower	
STRUC	1	CONS	206		Drainage and Grading	

STRUC	1	CONS	206		Standard Notes and Details	
STRUC	1	CONS	209		Temporary Supports	
STRUC	1	CONS	209		**Inspection Report for CW Pipe Phase 2**	
STRUC	1	CONS	210		Concrete Mix Design	
STRUC	1	CONS	211		STG Documents	
STRUC	1	CONS	211		STG General Arrangement and Foundation Documentation	

STRUC	1	CONS	212		Pad Support Arrangement & Calculations	
STRUC	1	CONS	213		HRSG ASME Calculations	
STRUC	1	CONS	214		**GSU Foundation Design Drawings & Calculations**	
STRUC	1	CONS	215		GSU Transformer Design Data	
STRUC	1	CONS	216		Oil Water Separator/Cooling Water Heat Exchanger Foundation Designs	

STRUC	1	CONS	217		**Misc. Foundations**	
STRUC	1	CONS	218		Fuel Gas Compressor Foundation & Design	
STRUC	1	CONS	219		HRSG Blowdown Pit & Sump Foundation & Design	
STRUC	1	CONS	220		Pipe Rack Foundations	

STRUC	1	CONS	221		SCR Moment Frame Analysis	
STRUC	1	CONS	222		Condensate Pump Foundation and Containment Pit	
STRUC	1	CONS	224		Vogt Structural Cover & Notes	
STRUC	1	CONS	225		Vogt Bottom Casing	
STRUC	1	CONS	226		Vogt Inlet-Burner Duct	
STRUC	1	CONS	227		Vogt Field Connections	
STRUC	1	CONS	228		IP Steam Drum Non-Pressure Attachments	
STRUC	1	CONS	229		Vogt Module Box Assembly	
STRUC	1	CONS	230		Vogt Pipe Rack	
STRUC	1	CONS	231		Vogt HRSG Platforms	
STRUC	1	CONS	232		Vogt Side Casing	
STRUC	1	CONS	233		HP Steam Drum NP Attachments	
STRUC	1	CONS	234		Vogt Stacking Frame	
STRUC	1	CONS	235		Vogt Top Casing Box	
STRUC	1	CONS	236		Iso Phase Bus Supports and Excitation Transformer Foundation Plan	

STRUC	1	CONS	237		Denim System Water Treatment Foundation	
STRUC	1	CONS	238		Sample and Analysis Enclosure Foundation	
STRUC	1	CONS	239		Lube Oil Containment Foundation	
STRUC	1	CONS	240		Aux Boiler Foundations	
STRUC	1	CONS	241		STG Auxiliaries	
STRUC	1	CONS	242		Cycle Chemical Feed System Foundations and Containment	
STRUC	1	CONS	243		Mods to Existing Foundation	
STRUC	1	CONS	244		**Boiler Feedpump Pipe Rack Foundation**	
STRUC	1	CONS	246		Ammonia Storage Foundation	
STRUC	1	CONS	247		STG PDC Foundation	
STRUC	1	CONS	248		Structural Location Plans	
STRUC	1	CONS	250		Pipe Rack Steel	
STRUC	1	CONS	251		Existing Pipe Rack Steel	

STRUC	1	CONS	252		**STG Access and Auxiliary Platforms**	
STRUC	1	CONS	253		**Air Heater Retrofit**	
STRUC	1	CONS	254		SCR Duct & Grid	
STRUC	1	CONS	255		Distribution Grid	
STRUC	1	CONS	256		STG Enclosure	

STRUC	1	CONS	257		**Structural Steel Fabricator Calculations**	
STRUC	1	CONS	258		Fuel Gas Skid	
STRUC	1	CONS	262		BFP Pipe Rack Framing	
STRUC	1	CONS	268		**Misc Access Platforms**	
STRUC	1	CONS	269		**Sunshade Structures**	
STRUC	1	CONS	800		**Warehouse**	

STRUC	1	CONS	901		**Temp Trailer and Decking**	
STRUC	1	CONS	903		Temporary Tents	
STRUC	2	CONS	x		The project owner shall submit to the CBO the following documents related to work that has undergone CBO design review and approval: 1. Concrete cylinder strength test reports 2. Concrete pour sign-off sheets; 3. Bolt torque inspection reports 4. Field weld inspection reports; and 5. Reports covering other structural activities requiring special inspections shall be in accordance with the 2001 CBC	If a discrepancy is discovered in any of the STRUC-2 data, the project owner shall, within five days, prepare and submit an NCR describing the nature of the discrepancies and the proposed corrective action to the CBO, with a copy of the transmittal letter to the CPM.
STRUC	2	CONS	x			Within five days of resolution of the NCR, the project owner shall submit a copy of the corrective action to the CBO and the CPM.
STRUC	2	CONS				The project owner shall transmit a copy of the CBO's approval or disapproval of the corrective action to the CPM within 15 days.
STRUC	3	CONS	x		The project owner shall submit to the CBO design changes to the final plans required by the 2001 CBC, and 2001 CBC Information on plans and specifications, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give the CBO prior notice of the intended filing	On a schedule suitable to the CBO, the project owner shall notify the CBO of the intended filing of design changes, and shall submit the required number of sets of revised drawings and the required number of copies of the other above-mentioned documents to the CBO, with a copy of the transmittal letter to the CPM.
STRUC	3	CONS		MCR		The project owner shall notify the CPM, via the Monthly Compliance Report, when the CBO has approved the revised plans.
STRUC	4	CONS	x		Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in Chapter 3, Table 3-E of the 2001 CBC shall, at a minimum, be designed to comply with the requirements of that Chapter.	At least 30 days (or project owner and CBO approved alternate timeframe) prior to the start of installation of the tanks or vessels containing the above specified quantities of toxic or hazardous materials, the project owner shall submit to the CBO for design review and approval final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification.

STRUC	4	CONS		MCR		The project owner shall send copies of the CBO approvals of plan checks to the CPM in the following Monthly Compliance Report. The project owner shall also transmit a copy of the CBO's inspection approvals to the CPM in the Monthly Compliance Report following completion of any inspection
MECH						
MECH	1	CONS	x		The project owner shall submit, for CBO design review and approval, the proposed final design, specifications and calculations for each plant major piping and plumbing system listed in Facility Design Table 1, Condition of Certification GEN 2. The submittal shall also include applicable QA/AC procedures.	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of any increment of major piping or plumbing construction listed in Facility Design Table 1, Condition of Certification GEN-2, the project owner shall submit to the CBO for design review and approval the final plans, specifications and calculations, including a copy of the signed and stamped statement for the responsible mechanical engineer certifying compliance with the applicable LORS
MECH	1	CONS		MCR		Send the CPM a copy of the transmittal letter in the next Monthly Compliance Report
MECH	1	CONS	x	MCR	Upon completion of construction of any such major piping or plumbing system, the project owner shall request the CBO's inspection approval of said construction.	The project owner shall transmit to the CPM, in the Monthly Compliance Report following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.
MECH	1		51		Mechanical Specification	
MECH	1		300		Circulating Water System	
MECH	1		302		P&IDs	

MECH	1		304		Revised Submittal Utility Reroute Plan	
MECH	1		304		UG Piping	
MECH	1		305		Piping Stress Analysis Criteria, Piping Analysis Calculations	
MECH	1		306		Modular Fabrication	
MECH	1		307		Platform Fabricator	
MECH	1		308		Repair Procedures	
MECH	1		310		Piping Line List	
MECH	1		311		Piping Items	
MECH	1		313		Mechanical Equipment List	
MECH	1		314		Stress Analysis for Critical Piping	

MECH	1		315		Aboveground Piping	
MECH	1		316		Vogt P&ID	
MECH	1		317		Pipe Supports	
MECH	1		318		Piping Demolition	
MECH	1		320		AZCO Critical Piping Fabrication & Installation	
MECH	1		321		Vogt Pipe Supports	
MECH	1		350		STG Piping Drawings	
MECH	1		351		TEI Condenser PFA	
MECH	1		352		TSE - Nash Air Ejector PFA	
MECH	1		353		TEI-Nash Hogging Pumps Condenser Exhauser PFA	
MECH	1		373		PFA Ammonia Storage Tank ASME Pkg Aqueous Ammonia Tank	
MECH	1		375		PFA HRSG BFP & Aux Flowserve BFP PFA	
MECH	1		376		PFA Phosphate Tote Reetex (Inprocess Inspection Report)	

MECH	1		379		Fuel Gas Compressor C Skid - Fuel Gas Compressor C, Recycle Gas	
MECH	1		380		PFA Electric Boiler CBO Invite to Precision Boiler	
MECH	2	CONS	387		(ASME) - Alfa Laval - Plate Heat Exchanger (Equipment Type M30-FD)	
MECH	1		388		Gen Arrangement Drawings	
MECH	1		389		Chem Lab with Sample Analysis Panel Skid (PFA)	
MECH	1		390		Vogt HRSG General Arrangement Drawings	
MECH	1		1000		FREP	
MECH	1		1003		UG Fire Protection Test Package	
MECH	2	CONS	x		For all pressure vessels installed in the plant, the project owner shall submit to the CBO and Cal-OSHA, prior to operation, the code certification papers and other documents required by the applicable LORS.	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of on-site fabrication or installation of any pressure vessel, the project owner shall submit to the CBO for review and approval, the documents listed in MECH-2including a copy of the signed and stamped engineer's certification, with a copy of the transmittal letter to the CPM
MECH	2	CONS	x	MCR	Upon completion of the installation of any pressure vessel, the project owner shall request the appropriate CBO and/or Cal-OSHA inspection of said installation.	The project owner shall transmit to the CPM, in the Monthly Compliance Report following completion of any inspection, a copy of the transmittal letter conveying the CBO's and/or Cal-OSHA inspection approvals.
MECH	3	CONS	x		The project owner shall submit to the CBO for design review and approval the design plans, specifications, calculations and quality control procedures for any heating, ventilating, air conditioning (HVAC) or refrigeration system. Packaged HVAC systems, shall be identified with the appropriate manufacturer's data sheets.	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of construction of any HVAC or refrigeration system, the project owner shall submit to the CBO the required HVAC and refrigeration calculations, plans and specifications, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the CBC and other applicable codes with a copy of the transmittal letter to the CPM.
MECH	3	CONS	x		Upon completion of any increment of construction, the project owner shall request the CBO's inspection and approval of said construction.	
ELEC						
ELEC	1	CONS	X		Prior to the start of any increment of electrical construction for electrical equipment and systems 480 volts and higher, listed below, with the exception of underground duct work and any physical layout drawings and drawings not related to code compliance and life safety, the project owner shall submit, for CBO design review and approval, the proposed final design, specifications and calculations	At least 30 days (or project owner and CBO approved alternative timeframe) prior to the start of each increment of electrical construction, the project owner shall submit to the CBO for design review and approval of the above listed documents.
ELEC	1	CONS	X		The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS	
ELEC	1	CONS		MCR		The project owner shall include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and shall send the CPM a copy of the transmittal letter in the next Monthly Compliance Report.

ELEC	1	CONS	51		Electrical Specifications	
ELEC	1	CONS	400		GSU Transformer Design Data	
ELEC	1	CONS	401		Grounding and Grounding Plans	
ELEC	1	CONS	402		Lighting Plans, Notes & Details	
ELEC	1	CONS	403		Area Classification Plans	
ELEC	1	CONS	404		Elect Legends and Symbols	
ELEC	1	CONS	405		Elect One-Lines	

ELEC	1	CONS	406		Electrical Three Lines	
ELEC	1	CONS	408		Electrical Schedules	
ELEC	1	CONS	451		UG Duct Banks	
ELEC	1	CONS	453		PFA STG PDC	
ELEC	1	CONS	454		Cable Trays	
ELEC	1	CONS	455		Lighting Plans	
ELEC	1	CONS	456		Electrical Location Plans	

ELEC	1	CONS	902		Temporary Trailer Utilities	
ELEC	1	CONS	950		Construction Power	
ELEC	1	CONS	951		Construction Lighting	
GENERAL CONDITIONS						
COM	1	ALL			Unrestricted Access	The project owner shall grant Energy Commission staff and delegate agencies or consultants unrestricted access to the power plant site.
COM	2	ALL			Compliance Record	The project owner shall maintain project files onsite. Energy Commission staff and delegate agencies shall be given unrestricted access to the files. The files shall contain copies of all “asbuilt” drawings, all documents submitted as verification for conditions, and all other project-related documents.
COM	3	ALL			Compliance Verification Submittals	The project owner is responsible for the delivery and content of all verification submittals to the CPM, whether the condition was satisfied by work performed by the project owner or his agent. Cover letters consistent with the COM-3 are required for all compliance submittals.
COM	4	PC			Pre-construction Matrix, Tasks Prior to Start of Construction, and Compliance Reporting	Prior to commencing construction a compliance matrix addressing only those conditions that must be fulfilled before the start of construction shall be submitted by the project owner to the CPM. This matrix will be included with the project owner’s first compliance submittal, and shall be submitted prior to the first preconstruction meeting, if one is held. It will be in the same format as the compliance matrix referenced below. Construction shall not commence until the pre-construction matrix is submitted, all pre-construction conditions have been complied with, and the CPM has issued a letter to the project owner authorizing construction.
COM	4	PC			Employee Orientation	Environmental awareness orientation and training will be developed for presentation to new employees during project construction as approved by Energy Commission staff and described in the conditions for Biological, Cultural, and Paleontological resources. At the time this training is presented, the project owner’s representative shall present information about the role of the Energy Commission’s delegate Chief Building Official (CBO) for the project. The role and responsibilities of the CBO to enforce relevant portions of the Energy Commission Decision, the CBSC, and other relevant building and health and safety requirements shall be briefly presented. As part of that presentation, new employees shall be advised of the CBO’s authority to halt project construction activities, either partially or totally, or take other corrective measures, as appropriate, if the CBO deems that such action is required to ensure compliance with the Energy Commission Decision, the CBSC, and other relevant

COM	5	ALL			Compliance Matrix	The project owner shall submit a compliance matrix (in a spreadsheet format) with each monthly and annual compliance report which includes the status of all compliance conditions of certification.
COM	6	CONS		MCR	Monthly Compliance Report	During construction, the project owner shall submit Monthly Compliance Reports (MCRs) which include specific information. The first MCR is due the month following the Commission business meeting date on which the project was approved and shall include an initial list of dates for each of the events identified on the Key Events List found in the CEC decision for Phase 2, page 60.
COM	7	OP		ACR	Annual Compliance Report	After construction ends and throughout the life of the project, the project owner shall submit Annual Compliance Reports instead of Monthly Compliance Reports.
COM	8	PC			Construction and Operation Security Plan	At least 14 days prior to commencing construction, the project owner shall submit a Security Plan for the construction phase
COM	8	CONS			Construction and Operation Security Plan	At least 30 days prior to the initial receipt of hazardous material on site, the project owner shall submit a Security Plan & Vulnerability Assessment for the operational phase.
COM	9	ALL			Confidential Information	Any information the project owner deems confidential shall be submitted to the Dockets Unit with an application for confidentiality.
COM	10	PC			Department of Fish and Game Filing Fee	The project owner shall pay a filing fee of $850 at the time of project certification.
COM	11	PC			Reporting of Complaints, Notices, and Citations	Prior to the start of construction, the project owner must send a letter to property owners living within one mile of the project notifying them of a telephone number to contact project representatives with questions, complaints or concerns.
COM	11	OP			Reporting of Complaints, Notices, and Citations	The telephone number shall be posted at the project site and made easily visible to passersby during operation. The telephone number shall be provided to the CPM who will post it on the Energy Commission's web page. Any changes to the telephone number shall be
COM	11	ALL			Reporting of Complaints, Notices, and Citations	Within 10 days of receipt, the project owner shall report to the CPM, all notices, complaints, and citations.
COM	12	OP			Planned Closure	The project owner shall submit a closure plan to the CPM at least twelve months prior to commencement of a planned closure.
COM	13	PRE-OP			Unplanned Temporary Closure/On-Site Contingency Plan	The project owner shall resubmit an on-site contingency plan for CPM review and approval. The plan shall be submitted within 60 days (or other time agreed to by the CPM) after certification. The approved plan must be in place within 120 days after recertification of project operation of the facility and shall be kept at the site at all times.
COM	14	PRE-OP			Unplanned Permanent Closure/On-Site Contingency Plan	A closure plan, consistent with the requirements for a planned closure, shall be developed and submitted to the CPM within 90 days of the permanent closure or another period of time agreed to by the CPM.
HAZARDOUS MATERIALS MANAGEMENT						
HAZ	1	OP		ACR	The project owner shall not use any hazardous material in any quantity or strength not listed in Appendix B (AFC Tables 8.5-2 and 8.5.5) appended to the end of these Conditions unless approved in advance by the CPM.	The project owner shall provide to the CPM in the Annual Compliance Report, a list of all hazardous materials used and stored at the facility.
HAZ	2	PC			The project owner shall provide an updated RMP, if required by regulation, and an updated HMBP, which shall include the building chemical inventory as per the AFC, to Santa Clara County and the CPM for review at the time the RMP plan is first submitted to the EPA, if required. The project owner shall include all recommendations of Santa Clara County and the CPM in final documents. Final plans shall be provided to the City of San Jose and the CPM.	At least 30 days prior to the commencement of construction of Phase 2, the project owner shall provide the final RMP and HMBP plans described above to the CPM for approval.

HAZ	3	PRE-OP			The project owner shall update the Safety Management Plan for delivery of aqueous ammonia and sodium hypochlorite associated with Phase 2 and shall submit this plan to the CPM for approval.	At least 60 days prior to the delivery to the facility of aqueous ammonia and sodium hypochlorite, which are specified for use in Phase 2 operations, the project owner shall provide the Safety Management Plan to the CPM for review and approval.
HAZ	4	PRE-OP			The aqueous ammonia storage facility shall be designed to both the ASME Pressure Vessel Code and ANSI K61.6, or to API 620. In either case, the storage tank(s) shall be protected by a secondary containment basin capable of holding 110% of the primary container if a single container is used, or in the case of multiple containers, 150% of the volume of the largest container.	At least 60 days prior to delivery of aqueous ammonia to the facility that is specified for use in Phase 2 operations, the project owner shall submit final design drawings and specifications for the ammonia storage tank and secondary containment basin to the CPM for review and approval.
HAZ	5	PRE-OP			The project owner shall direct all vendors delivering aqueous ammonia to the site to use only transport vehicles that meet or exceed the specifications of DOT Code MC-307.	At least 60 days prior to receipt of aqueous ammonia on-site, the project owner shall submit copies of the notification letter to supply vendors indicating the transport vehicle specifications to the CPM for review and approval.
HAZ	6	PRE-OP			The project owner shall ensure that no combustible or flammable material is stored within 100 feet of the sulfuric acid tank.	At least 30 days prior to receipt of sulfuric acid on-site, the Project Owner shall provide to the CPM for review and approval copies of the facility design drawings showing the location of the sulfuric acid storage tank and the location of any tanks, drums, or piping containing any combustible or flammable material and the route by which such materials will be transported through the facility.
HAZ	7	PRE-OP			The project owner shall direct all vendors delivering any hazardous material to the site to use only the route approved by the CPM (SR237 to Zanker Road to the facility) consistent with Condition TRANS-3.	At least 60 days prior to receipt of any hazardous materials onsite, the project owner shall submit to the CPM for review and approval, a copy of the letter to be mailed to the vendors. The letter shall state the required transportation route limitation.
HAZ	8	CONS			The project owner shall require that the gas pipeline undergo a complete design review and detailed inspection 30 years after initial startup and each 5 years thereafter.	At least 30 days prior to the initial flow of gas in the pipeline, the project owner shall provide an outline of the plan to accomplish a full and comprehensive pipeline design review to the CPM for review and approval. The full and complete plan shall be amended, as appropriate, and submitted to the CPM for review and approval, not later than one year before the plan is implemented by the project owner.
HAZ	8	OP				For subsequent inspections, the project owner shall provide to the CPM for review and approval any plan amendments, or a letter indicating there are none, at least one year before implementing the subsequent inspections.
HAZ	9	OP			After any significant seismic event in the area where surface rupture occurs within one mile of the pipeline, the gas pipeline shall be inspected by the project owner.	At least 30 days prior to the initial flow of gas in the pipeline, the project owner shall provide to the CPM a detailed plan to accomplish a full and comprehensive pipeline inspection in the event of an earthquake for review and approval.
HAZ	9	OP				The plan shall be amended, as appropriate, and submitted to the CPM for review and approval, at least every five years.
HAZ	10	CONS			The natural gas pipeline shall be designed to meet CPUC General Order 112-D&E and 58 A standards, or any successor standards, and will be designed to meet Class III service. The pipeline will be designed to withstand seismic stresses and will be leak surveyed annually for leakage.	Prior to the introduction of natural gas into the pipeline, the project owner shall submit design and operation specifications of the pipelines to the CPM for review and approval.
LAND USE						
LAND	1	ALL			To help maintain public access and recreation adjacent to the project site, the project owner shall fund an endowment through a one-time payment of up to $23,000, as determined by the CPM, to be used for the repair of the paved bikeway immediately adjacent to Highway 237, between Zanker Road and Coyote Creek (“Bikeway”).	The project owner shall transmit the funds requested by the CPM within 90 days following receipt of the request and forward a copy of the transmittal letter to the CPM.
NOISE AND VIBRATION						
NOISE	1	PC			At least 15 days prior to the start of ground disturbance, the project owner shall notify all residents within one-half mile of the site, by mail or other effective means, of the commencement of project construction. At the same time, the project owner shall establish a telephone number for use by the public to report any undesirable noise conditions associated with the construction and operation of the project.	Prior to ground disturbance, the project owner shall transmit to the CPM a statement, signed by the project manager, stating that the above notification has been performed, and describing the method of that notification, verifying that the telephone number has been established and posted at the site, and giving that telephone number.
NOISE	2	CONS			Throughout the construction and operation of the project, the project owner shall document, investigate, evaluate, and attempt to resolve all project-related noise complaints as outlined by NOISE-2.	Within 10 days of receiving a noise complaint, the project owner shall file a copy of the Noise Complaint Resolution Form with the local jurisdiction and the CPM, documenting the resolution of the complaint.

NOISE	2	OP			Throughout the construction and operation of the project, the project owner shall document, investigate, evaluate, and attempt to resolve all project-related noise complaints as outlined by NOISE-2.	If mitigation is required to resolve a complaint, and the complaint is not resolved within a 3-day period, the project owner shall submit an updated Noise Complaint Resolution Form when the mitigation is implemented.
NOISE	3	PC			The project owner shall submit to the CPM for review and approval a noise control program.	At least 30 days prior to the start of ground disturbance, the project owner shall submit to the CPM the noise control program.
NOISE	4	CONS			The project owner shall equip steam blow piping with a temporary silencer that quiets the noise of steam blows to no greater than 89 dBA measured at a distance of 50 feet.	At least 15 days prior to the first steam blow, the project owner shall submit to the CPM drawings or other information describing the temporary steam blow silencer and the noise levels expected, and a description of the steam blow schedule.
NOISE	5	CONS			Prior to the first steam blow(s), the project owner shall notify all residents and business owners within one-half mile of the site of the planned steam blow activity, and shall make the notification available to other area residents in an appropriate manner.	Project owner shall notify residents and businesses at least 15 days prior to the first steam blow(s).
NOISE	5	CONS			The notification may be in the form of letters to the area residences, telephone calls, fliers or other effective means. The notification shall include a description of the purpose and nature of the steam blow(s), the proposed schedule, the expected sound levels, and the explanation that it is a one-time operation and not a part of normal plant operations.	Within five days of notifying these entities, the project owner shall send a letter to the CPM confirming that local residents and businesses have been notified of the planned steam blow activities, including a description of the method(s) of that notification.
NOISE	6	PRE-OP			The project design and implementation shall include appropriate noise mitigation measures adequate to ensure that operation of the project will not cause noise levels due to plant operation to exceed the values shown in NOISE-6. When the projects first achieves a sustained output of 80 percent or greater of rated capacity, the project owner shall conduct noise surveys as described in NOISE-6.	The survey shall take place within 30 days of the project first achieving a sustained output of 80 percent or greater of rated capacity.
NOISE	6	PRE-OP				Within 30 days after completing the survey, the project owner shall submit a summary report of the survey to the CPM. The report shall describe additional mitigation measures necessary to achieve compliance with the NOISE-6 limits.
NOISE	6	PRE-OP				When mitigation measures described in the summary report are in place, the project owner shall repeat the noise survey. Within 30 days after completing the new survey, the project owner shall submit to the CPM a summary report of the new noise survey.
NOISE	7	PRE-OP			Following the project first achieving a sustained output of 80 percent or greater of rated capacity, the project owner shall conduct an occupational noise survey to identify the noise hazardous areas in the facility.	Within 30 days after completing the survey, the project owner shall submit the noise survey report to the CPM.
NOISE	8	PC			Pile driving and steam blows shall be restricted to the times of day delineated below: Any day 8 a.m. to 5 p.m. Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use shall be limited to emergencies.	Prior to ground disturbance, the project owner shall transmit to the CPM a statement acknowledging that the above restrictions will be observed throughout the construction of the project.
PALEONTOLOGICAL RESOURCES						
PAL	1	PC			Prior to ground disturbance, the project owner shall ensure that the designated paleontological resource specialist approved by the CPM is available for field activities and prepared to implement the conditions of certification.	At least sixty (60) days prior to the start of construction (or a lesser number of days mutually agreed to by the project owner and the CPM), the project owner shall submit the name, statement of qualifications, and the availability for its designated paleontological resource specialist, to the CPM for review and approval.
PAL	1	PC			The PRS shall obtain qualified paleontological resource monitors to monitor as necessary on the project.	At least twenty (20) days prior to ground disturbance, the PRS or project owner shall provide a letter with resumes naming anticipated monitors for the project and stating that the identified monitors meet the minimum qualifications for paleontological resource monitoring required by the condition.
PAL	1	CONS				If additional monitors are obtained during the project, the PRS shall provide additional letters and resumes to the CPM for approval no later than one week prior to the monitor beginning on-site duties.
PAL	1	CONS			Should emergency replacement of the designated specialist become necessary, the project owner shall immediately notify the CPM to discuss the qualifications of its proposed replacement specialist.	At least ten (10) days prior to the termination or release of a designated paleontological resource specialist, the project owner shall obtain CPM approval of the replacement specialist by submitting to the CPM the name and resume of the proposed new designated paleontological resource specialist.

PAL	2	PC			Prior to site mobilization, the designated PRS shall prepare a Paleontological Resources Monitoring and Mitigation Plan to identify general and specific measures to minimize potential impacts to sensitive paleontological resources, and submit this plan to the CPM for review and approval.	At least forty-five (45) days prior to the start of construction, the project owner shall provide the CPM with a copy of the PRMMP prepared by the designated PRS for review and approval.
PAL	3	PC			Prior to the ground disturbance, and throughout the project construction period as needed for all new employees, the project owner and the designated paleontological resource specialist shall prepare, and the owner shall conduct, CPM-approved training to all project managers, construction supervisors, and workers who operate ground disturbing equipment.	At least thirty (30) days prior to site mobilization, the project owner shall submit to the CPM for review and approval the proposed employee training program and the set of reporting procedures the workers are to follow if paleontological resources are encountered during project construction.
PAL	3	CONS		MCR	Each worker shall sign a Certification of Completion WEAP form indicating that they have received the training. A sticker that shall be placed on hard hats indicating that environmental training has been completed shall be provided to each worker that has completed the training.	Documentation for training of additional new employees shall be provided in subsequent Monthly Compliance Reports, as provided in the Certification of Completion WEAP form at the end of these conditions.
PAL	4	CONS		MCR	The PRS and PRM(s) shall monitor consistent with the PRMMP, all construction-related grading, excavation, trenching, and augering in areas where potentially fossil-bearing materials have been identified.	The PRS shall submit the summary of monitoring and paleontological activities in the Monthly Compliance Report.
PAL	5	CONS			The project owner, through the designated PRS, shall ensure recovery, preparation for analysis, analysis, identification and inventory, the preparation for curation, and the delivery for curation of all significant paleontological resource materials encountered and collected during the monitoring, data recovery, mapping, and mitigation activities related to the project.	The project owner shall maintain in its compliance files copies of signed contracts or agreements with the designated PRS and other qualified research specialists who will ensure the necessary data and fossil recovery, mapping, preparation for analysis, analysis, identification and inventory, and preparation for and delivery of all significant paleontological resource materials collected during data recovery and mitigation for the project.
PAL	6	CONS			The project owner shall ensure preparation of a Paleontological Resources Report by the designated paleontological resource specialist.	Within ninety (90) days following completion of the analysis of the recovered fossil materials, the project owner shall submit a copy of the PRR to the CPM for review and approval under a cover letter stating that it is a confidential document.
PUBLIC HEALTH						
PH	1	PRE-OP			The project owner shall develop and implement a Cooling Water Management Plan to ensure that the potential for bacterial growth in cooling water is controlled. The Plan shall be consistent with either Staff's "Cooling Water Management Program Guidelines" or with the Cooling Technology Institute's "Best Practices for Control of Legionella" guidelines.	At least 30 days prior to the start of commissioning of LECEF Phase 2, the project owner shall provide the Cooling Water Management Plan to the CPM for review and approval.
SOCIOECONOMICS						
SOCIO	1	PC			The project owner and its contractors and subcontractors shall recruit employees and procure materials and supplies within the Bay Area	At least 60 days prior to the start of construction, the project owner shall submit to the Energy Commission CPM copies of contractor, subcontractor, and vendor solicitations and guidelines stating hiring and procurement requirements and procedures.
SOCIO	1	CONS		MCR		The project owner shall notify the CPM in each Monthly Compliance Report of the reasons for any planned procurement of materials or hiring outside the Bay Area that will occur during the next two months.
SOIL & WATER RESOURCES						
S&W	1	PC		X	Prior to beginning any site mobilization activities, the project owner shall obtain staff approval of a final Construction Erosion and Sediment Control Plan (ESCP).	The Phase 2 ESCP shall be submitted to the CPM for review and approval and to the City of San Jose for review and comments at least 60 days prior to start of any site mobilization activities. The CPM must approve the final ESCP prior to the initiation of any site mobilization activities.
S&W	2	PC		X	The project owner shall submit a Notice of Intent for construction under the General NPDES Permit for Discharges of Storm Water Associated with Construction Activity to the State Water Resources Control Board (SWRCB), and obtain CPM approval of the related Storm Water Pollution Prevention Plan (SWPPP) for Construction Activity associated with Phase 2.	At least 60 days prior to the start of any site mobilization activities, the Phase 2 SWPPP for Construction Activity and a copy of the Notice of Intent for construction under the General NPDES Permit for Discharges of Storm Water Associated with Construction Activity filed with the SWRCB, shall be submitted to the CPM. Approval of the final SWPPP by the CPM must be received prior to initiation of any site mobilization activities.
S&W	3	PC			The project owner shall submit the following to the CPM as appropriate in association with obtaining approval for construction and operation of a storm water outfall into Coyote Creek	At least 30 days prior to construction of the storm water outfall in Coyote Creek, and if through the permitting process a Conditional Waiver of Waste Discharge Requirements is required, a Conditional Waiver of Waste Discharge Requirements shall be submitted to

S&W	3	PRE-OP			Based on a design that will only discharge storm water from nonprocess areas for operation of the storm water outfall into Coyote Creek, the project owner shall submit a NOI and acceptance from the SWRCB for operating under the General NPDES Permit for Discharge of Storm Water Associated with Industrial Activity.	At least 30 days prior to the start of project operation, evidence of acceptance by the SWRCB of the Notice of Intent for operating under the General NPDES Permit for Discharges of Storm Water Associated with Industrial Activity shall be submitted to the CPM
S&W	3	PC			For operation of the storm water outfall into Coyote Creek, the project owner shall obtain CPM approval of the related Storm Water Pollution Prevention Plan (SWPPP) for Industrial Activity.	At least 30 days prior to construction of the permanent outfall into Coyote Creek, the project owner shall submit to the CPM for approval a revised SWPPP for Industrial Activity for the entire LECEF project including Phase 2
S&W	4				DELETED	
S&W	5				DELETED	
S&W	6	OP		ACR	The project owner will install metering devices and/or utilize meters installed by the City of San Jose in order to record on a monthly basis the amount of recycled water used by the project. The project owner shall prepare an annual summary pursuant to SOIL & WATER-6.	The project owner will submit as part of its annual compliance report a water use summary to the CPM on an annual basis for the life of the project.
S&W	6	CONS				Any significant changes in the water supply for the project during construction or operation of the plant shall be noticed in writing to the CPM at least 60 days prior to the effective date of the proposed change.
S&W	6	OP				Any significant changes in the water supply for the project during construction or operation of the plant shall be noticed in writing to the CPM at least 60 days prior to the effective date of the proposed change.
S&W	7	PRE-OP			The project owner shall provide the CPM with all information/data necessary to satisfy the requirements of the User Agreement for Recycled Water under the SBWR Program including any additional documentation associated with recent or planned modification affecting recycled water use rates.	At least 60 days prior to initial operation, the project owner shall submit all documents needed to support the increased recycled water supply quantities for Phase 2 that are submitted to the City of San Jose, and a copy of the User Agreement with the City of San Jose to the CPM.
S&W	8	PRE-OP			The project owner shall provide the CPM with all information/data necessary to satisfy the requirements of the Industrial Wastewater Discharge Permit for its proposed disposal of industrial and sanitary waste into the San Jose/Santa Clara WPCP	At least 60 days prior to operation the project owner shall submit copies of all elements submitted to the City of San Jose for the Industrial Wastewater Discharge Permit, and a copy of the permit to the CPM when issued.
S&W	9	PRE-OP			The project owner shall provide the CPM with evidence of submitting an accepted Engineer's Report for Title 22 Reclamation Requirements to the CA Department of Health Services, as applicable for obtaining unrestricted use of recycled water.	At least 30 days prior to project operation, the project owner shall submit to the CPM evidence of submitting an Engineer's Report for Title 22 Reclamation Requirements to the CA Department of Health Services.
S&W	10	PC			The project owner shall provide the CPM with evidence of pre-construction notification and consultation with the ACOE regarding compliance with Nationwide Permit #'s 7 and 33, consistent with Section 404 of the Clean Water Act, if necessary, for placement of the storm water outfall and/or temporary construction, access and dewatering in Coyote Creek.	At least 30 days prior to construction of the storm water outfall, the project owner shall submit to the CPM evidence of consultation with the ACOE and authorization from the ACOE regarding Nationwide Permits #'s 7 and 33 as needed to comply with Section 404 of the Clean Water Act.
TRAFFIC AND TRANSPORTATION						
TRANS	1	PC			The project owner shall develop a Construction Traffic Control Plan that limits peak hour construction-period truck and commute traffic in coordination with the City of San Jose Public Works Department.	At least 60 days prior to start of site mobilization, the project owner shall provide to Santa Clara County, the City of San Jose, the CHP, and Caltrans for review and comment, and to the CPM for review and approval, a copy of its Construction Traffic Control Plan.
TRANS	1	CONS				Every two months during the construction period, the project owner shall monitor and report the turning movements and traffic volumes for the project access roads during the AM (7 to 9 a.m.) and PM (4 to 6 p.m.) peak hours to confirm construction trip generation rates.
TRANS	2	CONS		MCR	The project owner shall comply with Caltrans and other affected jurisdictions' limitations on vehicle sizes and weights. In addition, the project owner or their contractor shall obtain necessary transportation permits from Caltrans and all relevant jurisdictions for roadway use.	In the Monthly Compliance Reports, the project owner shall submit copies of any oversize and overweight transportation permits received during that reporting period. In addition, the project owner shall retain copies of these permits and supporting documentation in its compliance file for at least six months after the start of commercial operation.
TRANS	3	CONS		MCR	The project owner shall ensure that permits and/or licenses are secured from the CHP and Caltrans for the transport of all hazardous materials, and that all federal and state regulations for the transport of hazardous materials are observed. The project owner shall ensure that all heavy vehicles and vehicles transporting hazardous materials shall use the following route: from SR 237, exit northbound at Zanker Road, from Zanker turn right to enter the LECEF site via Thomas Foon Chew Way, the primary site access road	The project owner shall include in its Monthly Compliance Reports during construction and Annual Compliance Reports during operations copies of all permits and licenses acquired by the project owner concerning the transport of hazardous materials and copies of written documentation to transporters indicating the preferred route for delivery of hazardous materials.

TRANS	3	OP		ACR		The project owner shall include in its Monthly Compliance Reports during construction and Annual Compliance Reports during operations copies of all permits and licenses acquired by the project owner concerning the transport of hazardous materials and copies of written documentation to transporters indicating the preferred route for delivery of hazardous materials.
TRANS	4	PC			Prior to the construction of the power plant and all related facilities, the project owner shall develop a parking and staging plan for all phases of project construction, to enforce a policy that all project related parking occurs onsite.	At least 30 days prior to the start of site mobilization, the project owner shall submit the plan to the City of San Jose Public Works staff for review and comment, and to the CPM for review and approval. The material submitted to the CPM shall include documentation of the City's review and comments.
TRANS	4	CONS		MCR		MCRs submitted to the CPM shall describe the project owner's actions to ensure that this condition is being met.
TRANS	5	OP			The project owner shall repair affected public rights-of-way (e.g., highway, road, bicycle path, pedestrian path, etc.) to original or near original condition that have been damaged due to construction activities conducted for the project and its associated facilities.	Within 60 calendar days after completion of construction, the project owner shall meet with the CPM, the affected local jurisdiction(s) and Caltrans (if applicable) to identify sections of the public right-of-way to be repaired, to establish a schedule to complete the repairs, and to receive approval for the action(s).
TRANS	5	OP				Following completion of any public right-of-way repairs, the project owner shall provide to the CPM a letter signed by the affected local jurisdiction(s) and Caltrans stating their satisfaction with the repairs.
TRANSMISSION LINE SAFETY AND NUISANCE						
TLSN	1	CONS			The project owner shall build any future underground interconnection lines according to the requirements of CPUC's GO-128.	Thirty days before line-related ground disturbance, the project owner shall submit to the CPM a letter signed by a California registered electrical engineer affirming that the proposed line will be constructed according to the requirements of GO-128.
TLSN	2	CONS			The project owner shall engage a qualified consultant to measure the strengths of the magnetic fields from PG&E to LECEF's switchyard. Measurements shall be made at the same points (identified as Points A, B, C, and D) for which calculated field strength measurements were provided by the Applicant.	The project owner shall file copies of the pre-and postenergization measurements with the CPM within 60 days after completion of the measurements.
TLSN	3	CONS			The project owner shall build the proposed overhead 230 kV interconnection lines according to the requirements of CPUC's GO-52, (and GO-128 if underground) Title 8, Section 2700 et seq. of the California Code of regulations, and PG&E's EMF reduction guidelines arising from CPUC Decision 93-11-013.	Thirty days before line-related ground disturbance, the project owner shall submit to the CPM a letter signed by a California registered electrical engineer affirming that the proposed line will be constructed according to the requirements noted above.
TRANSMISSION SYSTEM ENGINEERING						
TSE	1	PC	X		The project owner shall furnish to the CPM and to the CBO a schedule of transmission facility design submittals, a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List.	At least 60 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of construction of transmission facilities, the project owner shall submit the schedule, a Master Drawing List, and a Master Specifications List to the CBO and to the CPM.
TSE	1	CONS	245		Switchyard Structural Foundations	
TSE	1	CONS	500		Master Document List	
TSE	1	CONS		MCR		The project owner shall provide schedule updates in the Monthly Compliance Report

TSE	2	PC	X		Prior to the start of construction the project owner shall assign an electrical engineer and at least one of each of the following to the project: A) a civil engineer; B) a geotechnical engineer or a civil engineer experienced and knowledgeable in the practice of soils engineering; C) a design engineer, who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports; or D) a mechanical engineer.	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of rough grading, the project owner shall submit to the CBO for review and approval, the names, qualifications and registration numbers of all the responsible engineers assigned to the project.
TSE	2	PC				The project owner shall notify the CPM of the CBO's approvals of the engineers within five days of the approval.
TSE	2	CONS				If any one of the designated engineers is subsequently reassigned or replaced, the project owner has five days in which to submit the names, qualifications and registration numbers of newly assigned engineers to the CBO for review and approval. The CPM shall be notified of CBO approval within five days of approval.
TSE	2	CONS	3			Tim Byrne resume and letter
TSE	3	CONS	x		The project owner shall keep the CBO informed regarding the status of engineering design and construction. If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend corrective action.	The project owner shall submit a copy of the CBO's approval or disapproval of any corrective action taken to resolve a discrepancy to the CPM within 15 days of receipt.
TSE	3	CONS				If disapproved, the project owner shall advise the CPM, within five days, the reason for disapproval, and the revised corrective action required to obtain the CBO's approval.
TSE	4	CONS	X		For the power plant switchyard, outlet line and termination, the project owner shall not begin any increment of construction until plans for that increment have been approved by the CBO	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of each increment of construction, the project owner shall submit to the CBO for review and approval the final design plans, specifications and calculations for equipment and systems of the power plant switchyard, outlet line and termination, including a copy of the signed and stamped statement from the responsible electrical engineer attesting to compliance with the applicable LORS
TSE	4	CONS	X		The project owner shall request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	
TSE	4	CONS		MCR	Activities related to the power plant switchyard, outlet line and termination that are listed in TSE-4 shall be reported in the MCR.	Send the CPM a copy of the transmittal letter in the next Monthly Compliance Report
TSE	5	CONS	501		Switchyard Specifications and Data Sheets	At least 60 days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO), the project owner shall submit to the CBO for approval the items listed in TSE-5, as modified by subsequent amendment to the project license.
TSE	5	CONS	502		Switchyard One-Line Diagrams	
TSE	5	CONS	503		Switchyard AC Schematics	
TSE	5	CONS	504		Switchyard 120/208 Volt AC Panels	

TSE	5	CONS	505		Switchyard Plan, GA, and Elevations	
TSE	5	CONS	506		Underground Ductbank	
TSE	5	CONS	507		Grounding Plans	
TSE	5	CONS	508		Switchyard Minor Materials Package	
TSE	6	CONS	X		The project owner shall inform the CPM and CBO in writing of any impending changes, which may not conform to the requirements TSE-5 a) through g), and have not received CPM and CBO approval, and request approval to implement such changes. Construction involving changed equipment or substation configurations shall not begin without prior written approval of the changes by the CBO and CPM.	At least 60 days prior to the construction of transmission facilities, the project owner shall inform the CBO and the CPM in writing of any impending changes which may not conform to requirements of TSE-5 and request approval to implement such changes.
TSE	7	CONS			The project owner shall provide Notice to the Cal-ISO and PG&E prior to synchronizing the facility with the California transmission system	The project owner shall provide copies of the Cal-ISO letter to the CPM and PG&E when it is sent to the Cal-ISO one (1) week prior to initial synchronization with the grid.
TSE	7	CONS				The project owner shall contact the Cal-ISO Outage Coordination Department, Monday through Friday, between the hours of 0700 and 1530 at (916) 351-2300 at least one business day prior to synchronizing the facility with the grid for testing.
TSE	7	CONS				A report of conversation with the Cal-ISO shall be provided electronically to the CPM one (1) day before synchronizing the facility with the California transmission system for the first time.
TSE	8	CONS			The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto	Within 60 days after first synchronization of the project, the project owner shall transmit to the CPM and CBO: a) “As built” engineering description(s) and one-line drawings of the electrical portion of the facilities; b) An “as built” engineering description of the mechanical, structural, and civil portion of the transmission facilities; c) A summary of inspections of the completed transmission facilities, and identification of any nonconforming work and corrective actions taken. Documents to be signed and sealed by registered engineer as indicated in TSE-8
TSE	8	CONS			In case of non-conformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non-conformance and describe the corrective actions to be taken	
TSE	A1	OP			The new temporary tap interconnection shall consist of an approximately 152 foot transmission line under-crossing of the two double circuit PG&E 115 kV steel pole lines (running generally North/South) immediately adjacent to the LECEF power plant Switchyard to a hard wire tap of the Nortech-PG&E Los Esteros Substation circuit utilizing three wood poles. The cable size shall be 795 ACSS.	This configuration has been implemented and conforms to existing LORS.
TSE	A2	OP			To provide adequate operational reliability and flexibility for the new temporary interconnection, a three-phase disconnect/selector switch shall be installed at the interconnection tap point with the Nortech-PG&E Los Esteros Substation 115 kV line to be coordinated between Calpine and PG&E. At the interconnection tap point the switch is required for the circuit to the Nortech Substation.	The three-phase disconnect/selector switch has been installed.
VISUAL RESOURCES						

VIS	1	PRE-OP			The project owner shall submit a plan to the CPM for review and approval and to the City of San Jose for review and comment for restoring the surface conditions of construction staging and storage areas. The plan shall include grading, contouring, and revegetation consistent with applicable plans. The project owner shall not implement the plan until receipt of written approval.	At least 45 days prior to beginning implementation of the surface restoration, the project owner shall submit the restoration plan to the CPM for review and approval and to the City of San Jose for review and comment.
VIS	2	CONS			The project owner shall a) treat all project structures and buildings visible to the public in appropriate colors or hues that minimize visual intrusion and contrast by blending with the surrounding landscape, and b) ensure that those structures and buildings have surfaces that do not create glare. A specific treatment plan shall be developed for CPM approval to ensure that the proposed colors do not unduly contrast with the surrounding landscape colors. Prior to submittal of the plan to the CPM, the project owner shall submit the plan to the City of San Jose for review and comment. The project owner shall not perform the final treatment on any structures until receipt of approval of the treatment plan from the CPM.	At least 30 days prior to ordering the first structures that are color treated during manufacture, the project owner shall submit its proposed plan to the CPM for review and approval and to the City of San Jose for review and comment.
VIS	2	CONS				Prior to the start of commercial operation of Phase 2, the project owner shall notify the CPM that all structures treated during manufacture and all structures treated in the field are ready for inspection.
VIS	2	OP		ACR		The project owner shall provide a status report regarding treatment maintenance in the Annual Compliance Report. The report shall specify a): the condition of the surfaces of all buildings and structures (including the perimeter walls) at the end of the reporting year; b) maintenance activities that occurred during the reporting year; and c) the schedule of maintenance activities for the next year.
VIS	3	CONS			The project owner shall provide landscaping that is effective in screening the majority of structural forms (not the upper portions of the stacks) from the following key viewing areas: (a) SR-237 and the existing bicycle trail to the south, (b) Zanker Road to the west, and (c) the proposed Bay Trail alignments to the east. The project owner shall not implement the plan until receipt of approval from the CPM. However, the planting must be completed as soon as practical without impeding construction and consistent with the revised landscaping plan presented on May 20, 2002.	The final project landscaping plan shall be prepared under the direction of the Architectural Committee. At least 30 days prior to installing the landscaping, the project owner shall submit the plan to the CPM for review and approval and the City of San Jose for review and comment.
VIS	3	CONS				The project owner shall notify the CPM within 7 days after completing installation of the landscaping, that the landscaping is ready for inspection.
VIS	3	OP		ACR		The project owner shall report landscape maintenance activities, including replacement of dead or dying screening trees and any major repairs to the berms and irrigation system, for the previous year of operation in each Annual Compliance Report.
VIS	4	CONS	450		The project owner shall design and install all lighting such that light bulb and reflector glare is not visible from public viewing areas and illumination of the vicinity and the night sky is minimized during both project construction and operation. The project owner shall develop and submit lighting plans for construction and operation of the project to the CPM for review and approval and the City of San Jose for review and comment. Lighting shall not be installed before the plans are approved.	At least 15 days prior to installing the construction lighting, the project owner shall provide the construction lighting plans to the CPM for review and approval and the City of San Jose for review and comment.
VIS	4	CONS				At least 30 days before ordering the facility exterior lighting, the project owner shall provide the lighting plan to the CPM for review and approval and the City of San Jose for review and comment.
VIS	4	CONS				The project owner shall notify the CPM within seven days of completing exterior lighting installation that the lighting is ready for inspection.
VIS	4	CONS				Within 48 hours of receiving a lighting complain, the project owner shall provide to the CPM a) a report of the complaint, b) a proposal to resolve the complaint, and c) a schedule for implementation of the proposal.
VIS	4	CONS				The project owner shall provide a copy of the completed complaint resolution form to the CPM within 10 days of complaint resolution.

VIS	5	CONS			The project owner shall comply with the City of San Jose's requirements regarding signs visible to the public. In addition, the project owner shall install minimal signage, which shall be constructed of non-glare materials and unobtrusive colors.	At least 30 days prior to installing signage visible to the public, the project owner shall submit the plan to the CPM for review and approval and to the City of San Jose for review and comment.
VIS	5	CONS				The project owner shall notify the CPM within 7 days after completing installation of the signage that they are ready for inspection.
VIS	6	CONS			The project owner shall reduce the six-cell cooling tower visible vapor plumes through the use of a dry-cooling section that has a stipulated plume abatement design equivalent to or better than that depicted in the Data Request Response No. 53 Attachment VIS-3 Fogging Frequency Curve, dated April 2004.	At least 60 days prior to construction of the six-cell cooling tower, the project owner shall provide to the CPM for review and approval the specifications for the abatement system (including the fogging frequency curve) and for the meteorological monitoring and notification system and the operations protocol for its use, that will be used to ensure maximum plume abatement from the dry-cooling section of the six-cell cooling tower.
VIS	6	OP		ACR		The project owner shall provide a written certification in each annual compliance report to demonstrate that the cooling towers have consistently been operated within the design parameters, except as necessary to prevent damage to the cooling tower.
VIS	6	OP				If the CPM determines that cooling tower operation monitoring is required, then the project owner shall provide to the CPM the cooling tower operating data within 30 days of the end of the monitoring period.
WASTE MANAGEMENT						
WASTE	1	ALL			Upon becoming aware of any impending waste management related enforcement action by any local, state, or federal authority, the project owner shall notify the CPM of any such action taken or proposed to be taken against the project itself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts.	The project owner shall notify the CPM in writing within 10 days of becoming aware of an impending enforcement action.
WASTE	2	PC			Prior to the start of construction and operation, the project owner shall prepare and submit to the CEC CPM, for review and comment, an updated waste management plan for all wastes generated during preconstruction, construction and operation of the facility, respectively	No less than 30 days prior to the start of construction, the project owner shall submit the construction waste management plan to the CPM for review.
WASTE	2	PRE-OP				The operation waste management plan shall be submitted no less than 30 days prior to the start of project operation.
WASTE	2	OP		ACR		In the Annual Compliance Reports, the project owner shall document the actual waste management methods used during the year compared to planned management methods.
WASTE	2		1203		TRC Soil and GW Report	
WASTE	3				DELETED	
WASTE	4				DELETED	
WASTE	5	CONS		MCR	Both the project owner and its construction contractor shall obtain unique hazardous waste generator identification numbers from the Department of Toxic Substances Control prior to generating any hazardous waste.	The project owner and its construction contractor shall keep copies of the identification numbers on file at the project site and notify the CPM via the monthly compliance report of their receipt
WASTE	6	PC			The project owner shall prepare and submit to the CEC CPM a Soils Management Plan (SMP) prior to any earthwork.	At least 45 days prior to any earthwork, the project owner shall submit the SMP to the CPM for review and approval. The SMP shall also be submitted to the Berkeley office of the DTSC or its successor for review and comment.
WASTE	6	CONS			A SMP summary report, which includes all analytical data and other findings, must be submitted once the earthwork has been completed	A SMP summary shall be submitted to CPM and DTSC within 25 days of completion of any earthwork.
WASTE	7	OP			The project owner shall not change ownership of, rent, or lease the entire project site or a portion for non-power plant use, without first notifying the CPM and DTSC (or its successor) and performing any remediation necessary to bring that particular portion of the site or the entire site itself (as applicable) into conformance with then current site cleanup standards appropriate to the intended use of that portion or the entire site.	At least 90 days prior to the change of ownership, rental or lease of the project site or a portion for non-power plant use, the project owner shall submit such notification to the CPM and DTSC and a statement that documents that the particular portion or the entire site will meet then current cleanup standards appropriate to its intended use or a remediation plan, if required to bring that portion or the entire site into conformance with the intended use
WORKER SAFETY AND FIRE PROTECTION						

SAFETY	1	PC	1100		The project owner shall submit to the CPM an updated Project Construction Safety and Health Program containing: • Construction Injury and Illness Prevention Program; • Construction Safety Program; • Construction Personal Protective Equipment Program; • Construction Exposure Monitoring Program; • Construction Emergency Action Plan; and • Construction Fire Protection and Prevention Plan.	At least 30 days prior to the start of construction, the project owner shall submit to the CPM for review and approval a copy of the updated Project Construction Safety and Health Program.
SAFETY	1	PC	1100		The Construction Fire Protection and Prevention Plan and the Emergency Action Plan shall be submitted to the City of San Jose Fire Dept. for review and comment prior to submittal to the CPM.	The project owner shall provide a letter from the City of San Jose Fire Dept. stating that they have reviewed and commented on the CFPPP and EAP.
SAFETY	2	PRE-OP			The project owner shall submit to the CPM an updated Project Operations and Maintenance Safety and Health Program containing the following: • Operation Injury and Illness Prevention Plan; • Emergency Action Plan; • Hazardous Materials Management Program; • Operations and Maintenance Safety Program; • Fire Protection and Prevention Program • Personal Protective Equipment Program The OIIPP, EAP, and PPEP shall be submitted to Cal/OSHA Consultation Service for review and comment. The OFPP and the EAP shall be submitted to the City of San Jose Fire Dept. for review and comment.	At least 30 days prior to the start of operation, the project owner shall submit to the CPM for review and approval a copy of the updated Project Operations and Maintenance Safety & Health Program.
SAFETY	3	PC			The project owner shall prepare and submit to the CPM an updated Operations Fire Prevention Plan describing the onsite fire protection system that will be provided in this project.	At least 30 days prior to the start of construction, the project owner shall submit to the City of San Jose Fire Department a copy of the final version of the Operations Fire Prevention Plan for review and comment and to the CPM for review and approval.
SAFETY	4	PC			The project owner shall employ a CPM-approved Safety Monitor, who will report directly to the CBO, and who will be responsible for verifying that the CSS, as required in Worker Safety-5, implement all appropriate Cal/OSHA and Commission safety requirements specified in the evidentiary record and in Conditions Worker Safety 1, 2, and 3 of this Decision. The CPM approved Safety Monitor shall conduct a site safety inspection at least once a week during construction of permanent structures, and commissioning, unless a lesser number of inspections is approved by the CPM.	The project owner shall submit the Safety Monitor(s) resume(s) to the CPM for approval at least 30 days prior to site mobilization. One or more individuals may hold this position.
SAFETY	4	CONS		MCR		The Safety Monitor shall submit in the Monthly Compliance Report a monthly safety inspection report
SAFETY	5	PC			The project owner shall provide a site Construction Safety Supervisor (CSS) who, by way of training and/or experience, is knowledgeable of power plant construction activities and relevant laws, ordinances, regulations, and standards, is capable of identifying workplace hazards relating to the specific operations, and has authority to take appropriate action.	At least 30 days prior to the start of site mobilization, the project owner shall submit to the CPM the name and qualifications of the CSS for review and approval.

Timeframe	Days	Lead Respons. Party
Prior to the start of ground disturbance	60	LGC
Prior to the start of ground disturbance	60	LECEF
		LGC
		LGC
		LGC
After permit modification submittal	5	LECEF
After the issue date on the permit	15	LECEF
Prior to initial startup	60	LECEF
		LECEF
Prior to the start of construction		LECEF
Prior to first fire		LECEF

		LECEF
		LECEF
		LECEF
		LECEF
		LECEF
		LECEF
		LGC
		LGC
		LGC
		LGC
		LGC
Prior to first fire	14	LGC
		LGC
Prior to first fire	30	LGC
After completion of all commissioning activities	5	LGC
		LGC

		LGC
Prior to startup	60	LGC
Prior to source tests	30	LGC
Prior to source tests	10	LGC
After source test results	60	LGC
		LECEF
		LECEF
		LECEF
		LECEF
prior to turbine operation	10	LECEF
		LECEF
		LECEF
		LECEF
		LECEF

		LECEF
		LECEF
		LECEF
		LECEF
		LECEF
		LECEF
		LECEF
		LECEF
		LECEF
After startup of the gas turbines and HRSGs	90	LGC
		LECEF
Prior to the date of each source test	30	LGC
Prior to the testing date	10	LGC
After to the testing date	30	LGC
After startup of the gas turbines and HRSGs	60	LGC

		LECEF
		LGC
		LECEF
		LECEF
		LECEF
		LECEF
		LECEF
		LECEF
		LECEF
Prior to the issuance of the ATC	10	LECEF
		LECEF
		LECEF
		LECEF
		LECEF
		LECEF
		LECEF

		LECEF
After completion of any health risk assessment	60	LECEF
Prior to the intended source test date	20	LGC
Prior to the intended source test date	20	LECEF
After the source testing date	30	LECEF
		LECEF
		LECEF
Prior to the initial operation of the combined-cycle facility		LECEF
After the initial operation of the cooling tower	60	LECEF

Prior to the start of mobilization	35	LECEF
		LECEF
		LECEF
After notification of non-compliance with a Biological Resources COC	2	LECEF

After notification of non-compliance with a Biological Resources COC	2	LECEF
Prior to the start of mobilization	30	LECEF
		LGC
		LECEF
Prior to the start of any mobilization activities on the interior side of the levee	30	LECEF
Prior to the start of any mobilization activities on the interior side of the levee	30	LECEF
Prior to the start of any mobilization activities on the interior side of the levee	30	LECEF
Prior to the start of mobilization	30	LECEF
After completion of project construction	30	LECEF
Prior to site closure	365	LECEF
Prior to the start of mobilization	5	LECEF
Prior to ground disturbance	20	LECEF
Prior to ground disturbance	15	LECEF

Prior to the start of simple-cycle mobilization	30	LECEF
prior to removal of any remaining ordinance trees	90	LGC
After to the start of mobilization	60	LECEF
Prior to the start of any mobilization activities on the interior side of the levee	30	LECEF
After project certification of the simple-cycle facility	30	LECEF
Prior to LECEF landscape installation	45	LECEF
Prior to LECEF landscape installation	5	LECEF
		LECEF
After receiving the permit	30	LECEF
		LECEF
		LECEF
		LECEF
Prior to the start of mobilization	30	LECEF
		LECEF
Prior to new monitor activities	10	LECEF
Prior to the start of construction	60	LECEF

Prior to the start of ground disturbance	45	LECEF
Prior to the start of ground disturbance	20	LECEF
Prior to the start of ground disturbance	10	LECEF
Prior to the start of ground disturbance	40	LGC
		LGC
Prior to the start of ground disturbance on each phase of the project	30	LGC
		LGC
After identifying the changes	5	LGC
Prior to the start of project construction-related vegetation clearance or earth disturbing activities and site preparation	10	LECEF
Prior to the start of ground disturbance	30	LECEF
		LGC
		LECEF
		LECEF
After recognition of a non-compliance issue	1	LECEF

After non-compliance event	14	LECEF
		LECEF
Prior to the start of project construction-related vegetation clearance or earth disturbing activities and site preparation	30	LECEF
After discovery	1	LECEF
N/A	N/A	LECEF
		LECEF
After completion of the report	7	LECEF
After receiving approval of the CRR	30	LECEF
After receipt	30	LECEF
		LECEF
Prior to the start of construction	30	LECEF

After receipt of Certificate of Occupancy	30	LGC
After receipt of Certificate of Occupancy	30	LGC
Prior to the start of construction	30	LECEF
Prior to the start of rough grading	30	LGC
		LECEF
To The CBO on 8/12/11. Disposition received 9/13/11, response required. Revised doc sent to the CBO In 9/22/11. Disposition received 9/28/11, approved with comment		
6 vendor lists sent to the CBO on 1/6/12. Information only disposition received 1/25/12. One document was sent to the CBO on 3/20/12. Information only disposition received 3/22/12		
Three revised specs sent to the CBO on 8/5/11. Conditionally approved disposition received 8/24/11 for Earthwork. Response required disposition received 8/24/11 for cast-in-place concrete. Conditionally approved disposition received 8/24/11 for protective paint & coatings. 312000 Earthwork revised spec and disposition sent to the CBO on 9/19/11. Approved disposition received 9/28/11. Approved disposition received 10/19/11. Approved disposition received 10/25/11 for cast-in-place. Response required disposition received 11/2/11 for 312113. #312113 and response to CBO comments were sent to the CBO on 2/7/12. Approved disposition received 2/21/12 for #312113 R3		LGC

To CBO on 6/20. New spec. sent 7/6/11 and 7/9/11. 4 new specs sent 7/13/11. 3 revised specs sent 7/21/11. 2 revised specs sent 7/29/11. Revised spec and disposition response sent to the CBO on 8/25/11. Sent revised cast-in-place spec to the CBO on 9/6/11 and 9/20/11. Disposition received 9/21/11, approved. Cast-in-Place spec sent to the CBO on 10/7/11. Approved disposition received 11/16/11 for 051000 and 013610. Approved disposition received 12/21/11 for #230000. Approved disposition received 1/3/12 for #133419. #013610 was sent to the CBO on 1/11/12. #013610 sent to the CBO on 1/23/12. Approved disposition received 1/24/12 for #013610. Response required dispositio received 1/31/12 for #211000. Approved disposition received 2/1/12 for #013610. One document sent to the CBO on 5/29/12. Approved disposition received 6/5/12. One document sent to the CBO on 6/6/12. Information only disposition received 6/12/12		LGC
Conditional approval 8/16/11. New spec sent to the CBO on 9/2/11. Approved disposition received 9/21/11. One document sent to the CBO on 9/30/11. Two specs approved 10/19/11. Approved 264200 on 11/4/11. One spec sent to the CBO on 11/16/11. One spec sent to the CBO on 12/1/11. Approved disposition received 12/14/11 for #405720, #406011, #485868, #405000. Three documents sent to the CBO on 12/21/11. Two documents sent to the CBO on 12/30/11. #405505 sent to the CBO on 1/28/12. #405720 sent to the CBO on 1/28/12. Approved with note disposition received 2/3/12 for #405010. Approved disposition received 2/3/12 for #405505. Approved disposition received 2/7/12 for #405505 and #405720. Sent revised 405010 to the CBO on 2/15/12. #405720 submitted to the CBO on 2/22/12. Sent revised specs to the CBO on 2/24/12. Approved disposition and information only dispositions received 2/29/12. Sent one spec to the CBO on 3/12/12. Approved disposition received 3/15/12. DCN-056 was sent to the CBO on 3/20/12. Approved disposition received 3/22/12/. Sent three specs to the CBO on 4/10/12. One spec sent to the CBO on 4/13/12. Response required dispositions received 4/24/12. Two revised documents sent to the CBO on 4/26/12. Approved disposition received 5/4/12. Response to CBO comments sent to the CBO on 6/8/12. Approved disposition received 6/12/12. One document sent to the CBO on 6/19/12. Approved disposition received 6/22/12. One document and response to CBO comments sent to the CBO on 7/16/12. Approved disposition received 7/18/12. Two documents sent to the CBO on 7/30/12. Approved disposition received 7/31/12		
Conditional approval 8/16/11. Sent two documents to the CBO on 2/29/12. Approved disposition received 2/29/12. 42 documents were sent to the CBO on 3/1/12. Information only disposition received 3/13/12 and 3/14/12. Documents sent to the CBO on 3/27/12. Documents were sent to the CBO on 3/30/12. Information only disposition received 4/3/12. Revised documents sent to the CBO on 5/3/12. Two documents sent to the CBO on 5/14/12. Information only disposition received 5/17/12. Document sent to the CBO on 5/18/12. Six documents sent to the CBO on 5/25/12. Information disposition received 5/30/12. Information only disposition received 6/6/12. Five documents sent to the CBO on 6/13/12. One document sent to the CBO on 6/18/12. Information only disposition received 6/19/12. Information only disposition received 6/22/12. Three documents sent to the CBO on 7/6/12. Four documents sent to the CBO on 7/9/12. Information only disposition received 7/11/12. Eight documents sent to the CBO on 7/12/12. Information only disposition received 7/24/12		
To the CBO on 7/22/11. Approved with note disposition received 11/8/11 for 102800, 101400, 099010, 096816, 096500. Response required disposition received 11/9/11 for 081400. Approved with note received 11/9/11 for 092116, 092216, 095123		

To the CBO on 9/2/11. Disposition received 9/8/11, response required. Approved disposition with note received 11/2/11 for 337119.13. Approved disposition received 11/2/11 for 260000. Approved disposition received 11/2/11 for 260533.01. Sent revised 337119.13 and disposition response to the CBO on 11/3/11. 260000 General Provisions comments sent to the CBO on 11/28/11. Approved disposition received 11/30/11 for 337119.13. Three specs sent to the CBO on 12/1/11. Four new specs sent to the CBO on 12/8/11. Sent two douments to the CBO on 12/15/11. Sent #260526, #263355, #263355DS to the CBO on 12/16/11. Approved disposition received 12/21/11 for #220000. Two documents sent to the CBO on 12/27/11. Approved disposition received 1/4/12 for #260526 and #260000. Approved disposition received 1/18/12 for #260519, #260536, #261300, #261300DS, #262700, #263355, #263355DS. Response required disposition received 1/19/12 for #261300.01, #261300.01.DS. #262605DS sent to the CBO on 2/2/12. Approved with note disposition received 2/3/12 for #262605DS. Approved with note disposition received 2/3/12 for #262605. Info only disposition received 2/7/12 for #262605. Sent response to CBO comments on 3/5/12. Approved disposition received 3/8/12. Approved disposition received 3/13/12. Revised spec was sent to the CBO on 3/13/12. Information only disposition received 3/15/12		
Approved disposition received 7/7/11	Priority	LGC
Documents sent ot the CBO on 5/18/12. Documents sent to the CBO on 5/25/12. Information only dispositions received 5/30/12. Information only disposition received 6/6/12. Documents sent to the CBO on 6/11/12. Five documents sent to the CBO on 6/12/12. Three documents sent to the CBO on 6/13/12. Information only disposition received 6/13/12. Three documents sent to the CBO on 6/18/12. Information only disposition received 6/19/12. Three documents sent to the CBO on 6/20/12. Information only disposition received 6/22/12. 10 documents sent to the CBO on 7/6/12. Five documents sent to the CBO on 7/11/12. Information only disposition received 7/11/12. One document sent to the CBO on 7/23/12. Five documents sent to the CBO on 7/24/12. Information only disposition received 7/24/12. Three documents sent to the CBO on 7/30/12. Information only disposition received 7/31/12. One document sent to the CBO on 8/1/12. Two documents sent to the CBO on 8/1/12. Information only disposition received 8/3/12. Three documents sent to the CBO on 8/8/12. One document sent to the CBO on 8/10/12. Information only disposition received 8/14/12. Information only disposition received 8/15/12. One document sent to the CBO on 8/16/12. Information only disposition received 8/21/12. Three documents sent to the CBO on 8/22/12. Five documents sent to the CBO on 8/24/2. Information only disposition received 8/28/12. Information only disposition received 8/29/12		
Sent one document to the CBO on 2/28/12. Information only disposition received 3/7/12. Sent two documents to the CBO on 3/7/12. Information only disposition received 3/13/12. Documents sent to the CBO on 3/30/12. Documents were sent to the CBO on 4/3/12. Information only disposition received 4/4/12. Documents were sent to the CBO on 4/5/12. Documents were sent to the CBO on 4/6/12. Information only disposition received 4/10/12. Sent two revised documents to the CBO on 4/11/12. Information only disposition received 4/13/12. Two documents sent to the CBO on 5/11/12. Information only disposition received 5/17/12. Four documents sent to the CBO on 5/25/12. Information only disposition received 6/5/12. Four documents sent to the CBO on 6/21/12. Information only disposition received 6/26/12. Six documents sent to the CBO on 8/10/12. Information only disposition received 8/15/12		
Sent documents to the CBO on 3/4/12. Information only disposition received 3/7/12		
Disposition received 8/1/11, information only		
		LECEF
Prior to the start of rough grading	30	LGC
After CBO approval	5	LECEF

CBO approved 6/30/11. Resume and letter sent to the CBO on 8/25/11. Approved disposition received 8/31/11. Sent Douglas Brown reasume to the CBO on 9/21/11. Approved disposition received 9/28/11. Jeffrey Barton resume and letter sent to the CBO on 4/23/12. Approved disposition received 4/24/12		LGC
After reassignment or replacement	5	LGC
To the CBO on 9/26/11 and 9/29/11. Conditionally approved 10/18/11. Sent letter and three resumes to the CBO on 3/1/12. Sent letter and two resumes to the CBO on 3/12/12. Approved disposition received 3/13/12. One document sent to the CBO on 3/19/12. Review stopped disposition received 3/21/12. Response required disposition received 3/21/12. Documents were sent to the CBO on 3/26/12. Documents were sent to the CBO on 3/27/12. Approved disposition received 3/29/12. Revised documents were sent to the CBO on 3/30/12. Approved disposition and review stopped disposition received 4/4/12. Two documents sent to the CBO on 4/26/12. Two documents sent to the CBO on 5/1/12. Approved disposition received 5/4/12. Two documents sent to the CBO on 5/10/12. Approved disposition received 5/17/12. Two documents sent to the CBO on 5/22/12. Approved disposition received 5/30/12. Two documents sent to the CBO on 6/18/12. Approved disposition received 6/20/12. Two documents sent to the CBO on 7/27/12. Approved disposition received 7/31/12		
Sent two documents to the CBO on 3/23/12. Information only disposiion received 3/29/12. Documents sent to the CBO on 4/25/12. Approved disposition received 5/4/12. Response required disposition received 5/17/12. One document sent to the CBO on 5/22/12. Information only disposition received 5/30/12. One document sent to the CBO on 7/30/12. Information only disposition received 7/31/12. One document sent to the CBO on 8/14/12. Information only disposition received 8/17/12		
Documents sent to the CBO on 6/12/12. Review stopped disposition received 7/11/12		
One document was sent to the CBO on 3/19/12. Information only disposition received 3/21/12. Revised document sent to the CBO on 4/10/12. Information only disposition received 4/13/12		
Prior to the start of rough grading	30	LGC
Prior to the start of construction	30	LGC
After CBO approval	5	LECEF
After reassignment or replacement	5	LGC
Prior to start of activity requiring special inspection	15	LGC

		LECEF
After reassignment or replacement	5	LGC
Approved 8/16/11		LGC
To the CBO on 7/28/11. Approved disposition received 9/7/11		
To the CBO on 8/1/11, approved		
To the CBO on 9/22/11. Approved disposition received 9/28/11		
To the CBO on 10/19/11 and 10/20/11. Approved disposition received 10/25/11 for Mark Hopkins. Sent David Knight documents and updated matrix to the CBO on 11/9/11. Response required disposition received 11/9/11. Approved disposition received 12/6/11		
Inspection and testing matrix and inspectors matrix were sent to the CBO on 1/9/12. Response required disposition received 1/24/12. One document was sent to the CBO on 3/26/12. Documents were sent to the CBO on 3/27/12. Information only and approved dispositions received 3/29/12. Two documents sent to the CBO on 4/6/12. Approved disposition received 4/11/12. One document sent to the CBO on 4/13/12. Approved disposition received 4/18/12. Documents sent to the CBO on 4/30/12. Information only disposition received 5/4/12. Documents sent to the CBO on 5/18/12. Approved disposition received 5/30/12. Three documents sent to the CBO on 7/11/12. Approved disposition received 7/12/12. Two documents sent to the CBO on 7/13/12. One document sent to the CBO on 7/17/12. Information only disposition received 7/17/12. Information only disposition received 7/18/12. One document sent to the CBO on 7/24/12. Information only disposition received 7/26/12. Two documents sent to the CBO on 7/31/12. Approved disposition received 7/31/12. One document sent to the CBO on 8/14/12. Review stopped disposition received 8/17/12. Four documents sent to the CBO on 8/21/12. Approved disposition received 8/21/12		

		LGC
After receipt of disapproval	5	LGC
After completion of work	15	LGC
		LGC
Prior to start of site grading	15	LGC
		LGC
to CBO on 7/20/11		
Documents were sent to the CBO on 4/30/12. Information only disposition received 5/4/12. Document sent to the CBO on 6/4/12. Information only disposition received 6/6/12		
CBO approved 6/23. One document was sent to the CBO on 1/13/12. Approved disposition received 1/24/12. Nine drawings sent to the CBO on 2/8/12. Approved disposition received 3/29/12		LGC
For Record from CBO		LGC
CBO approved 6/15		LGC
One document sent to the CBO on 12/14/11. Sent to the CBO on 1/4/12. Response required disposition received 1/5/12. Revised calculations were sent to the CBO on 1/11/12. Approved with note disposition received 1/5/12 Two documents were sent to the CBO on 1/17/12. Per Don on 2/22/12, remove from matrix. Two documents sent to the CBO on 7/19/12. Approved disposition received 7/24/12		
to CBO on 6/21		LGC
Upon discovery	1	LGC
After CBO approval	1	LGC

Upon discovery	5	LGC
After resolution	5	LGC
		LGC
After completion	30	LGC
		LGC
Prior to the start of any increment of construction of any structure	30	LGC
		LGC
Retroactively approved disposition received 7/27/11. New sent to the CBO on 8/3/11. Approved with note disposition received 8/23/11		
Revised documents sent to the CBO on 7/29/11 and 8/3/11. Approved disposition received 8/10/11. One revised sent to the CBO on 8/11/11. Approved with note disposition received 8/24/11. New documents sent to the CBO on 9/7/11. Approved disposition received 9/27/11. Four documents were sent to the CBO on 1/13/12. Approved disposition received 1/24/12. One revised document sent to the CBO on 1/31/12. Approved disposition received 3/19/12. Two documents were sent to the CBO on 4/3/12. Approved disposition received 4/10/12. One revised document sent to the CBO on 4/11/12. Approved disposition received 4/13/12. One document sent to the CBO on 6/13/12. Approved disposition received 6/19/12		LGC
Sent two documents to the CBO on 3/28/12. Approved disposition received 3/29/12. One document sent to the CBO on 5/22/12. Approved disposition received 5/30/12		

Approved disposition received 7/12/11. One document to the CBO on 9/9/11. One revised drawing sent to the CBO on 9/26/11. Approved disposition received 9/27/11. One revised drawing sent to the CBO on 9/30/11. Two revised drawings sent to the CBO on 10/3/11. Approved disposition received 10/17/11 for DCN-002. Info only disposition received 10/17/11 for DCN-004. Info only disposition received 10/17/11 for DCN-006. Info only disposition received 10/17/11 for DCN-008. Approved disposition received 10/25/11. DCN-012 sent to the CBO on 10/31/11. Info only disposition received 11/1/11. One revised drawing sent to the CBO on 11/7/11. DCN-014 and observation report sent to the CBO on 11/11/11. DCN-016 and DCN-017 sent to the CBO on 11/15/11. Approved disposition received 11/16/11 for DCN-014. Approved with note disposition received 11/16/11 for DCN-016 and DCN-017. Structural observation report 2 sent to the CBO on 11/17/11. Approved disposition received 11/30/11 for DCN-018. Sent revised DCN-018 to the CBO on 11/30/11. Information accepted for record disposition received 12/1/11 for both observation reports. DCN-023 sent to the CBO on 12/21/11. Approved disposition receiced 12/22/11 for DCN-023. DCN-018 sent to the CBO on 1/28/12. Approved disposition received 2/3/12. DCN-045 sent to the CBO on 2/17/12. Approved disposition received 2/21/12. Sent one revised drawing to the CBO on 2/24/12. Approved disposition received 3/1/12. Two revised drawings sent to the CBO on 4/19/12. Approved disposition received 4/24/12. DCN-070 was sent to the CBO on 5/8/12. Approved disposition received 5/10/12. Two drawings sent to the CBO on 7/11/12. Approved disposition received 7/12/12. Two drawings sent to the CBO on 7/18/12. Approved disposition received 7/24/12		
Disposition received 7/12/11, response required. Approved disposition received 7/12/11 for LE-CTW-DE-S7-0160, Sheet 1, Rev. 2 only. Disposition response & 4 revised drawings sent to the CBO on 7/26/11. Three revised drawings sent to the CBO on 8/11/11. Response required disposition received 8/24/11. Four revised drawings and disposition response sent to the CBO on 8/30/11. Approved disposition received 9/6/11 for all documents. One revised drawing sent to the CBO on 9/26/11. Approved disposition received 10/17/11 for DCN-005. DCN-010 sent to the CBO on 10/20/11. Info only disposition received 10/27/11		CBO
Response required from CBO 5/27. 20 revised docs and disposition response to the CBO on 8/18/11. Two docs sent to the CBO on 9/14/11. Six documents sent to the CBO on 9/27/11. Approved disposition received 9/28/11. Approved disposition received 10/25/11. DCN-001 (three sheets) sent to the CBO on 12/1/11 and 12/7/11. Approved disposition received 12/13/11. Approved disposition received 12/14/11. One document was sent to the CBO on 4/3/12. Approved disposition received 4/4/12. Two documents sent to the CBO on 5/18/12. Response required disposition received 6/6/12. Approved disposition received 6/19/12. 16 documents sent to the CBO on 7/27/12. Information only disposition received 8/1/12		LGC
Approved by CBO 6/20		

To CBO on 6/8. One document sent to the CBO on 5/23/12. Approved disposition received 5/30/12		LGC
Approved dispostion 7/12/11		CBO
Sent to the CBO on 7/6/11		CBO
CBO Info Only 6/13. One document sent to the CBO on 8/25/11. Disposition received 9/1/11, response required. Disposition received 10/27/11, for CBO record only. 4 new documents sent to the CBO on 10/27/11. One new document sent to the CBO on 11/1/11. Disposition received 11/2/11 for all as CBO record only. Disposition received 11/21/11 for all as CBO record only. One document sent to the CBO on 1/27/12. Information only disposition received 2/3/12. Two documents were sent to the CBO on 4/2/12. Response required disposition received 4/3/12. Revised documents were sent to the CBO on 4/4/12. New mix design sent to the CBO on 4/6/12. Information only disposition received 4/10/12. One document sent to the CBO on 8/10/12. Information only disposition received 8/15/12		CBO
CBO Response Required received 6/22. Disposition response and one revised calc sent 7/22/11. (Brooks-Ransom Structural Calcs): Disposition received 8/1/11, partial approval. 10 documents sent to the CBO on 11/10/11. Approved disposition received 11/16/11 for all documents to date		LGC
Sent documents to the CBO on 3/9/12. Approved disposition received 3/15/12		

Disposition received 8/17/11, response required. Two revised documents sent to the CBO on 11/9/11. Approved disposition received 11/17/11 for all documents to date. One revised document sent to the CBO on 4/25/12. Approved disposition received 5/3/12		
Disposition received 8/17/11, response required. Disposition response and revised calcs sent to the CBO on 9/22/11. Approved disposition received 10/26/11 for all documents. Sent two revised documents to the CBO on 2/16/12. Approved disposition received 3/1/12		
Sent to the CBO on 8/26/11. Disposition received 9/22/11, response required Two documents and disposition response sent to the CBO on 10/11/11. Approved disposition received 10/26/11. One document sent to the CBO on 12/16/11. Approved disposition received 12/21/11. Approved disposition received 12/22/11. DCN-024 sent to the CBO on 12/28/11. DCN-025 sent to the CBO on 12/29/11. DCN-025 approved disposition received 1/3/12. Sent documents to the CBO on 1/30/12. Response required disposition received 2/21/12		
Sent four documents to the CBO on 2/10/12. Approved disposition received 3/7/12		
To the CBO on 9/7/11 and 9/9/11. Response required disposition received 10/12/11. One document sent to the CBO on 10/17/11. Sent revised drawing & disposition response to the CBO on 10/18/11. DCN-009 sent to the CBO on 10/20/11. DCN-011 sent to the CBO on 10/24/11. Disposition received 10/27/11, approved with note. One revised drawing sent to the CBO on 11/16/11. DCN-011 sent to the CBO on 11/22/11. Approved disposition received 12/6/11 for DCN-011. Aprpoved with note disposition received 12/21/11. Approved disposition received 1/9/12. DCN-037 sent to the CBO on 1/13/12. Approved with note disposition received 1/24/12 for DCN-037. DCN-062 was sent to the CBO on 3/29/12. Approved disposition received 3/29/12		

Four documents sent to the CBO on 10/21/11. Two documents sent to the CBO on 10/25/11. Two documents sent to the CBO on 10/27/11. One revised drawing and partial responses to CBO-216 sent to the CBO on 10/28/11. One calculation sent to the CBO on 10/28/11. Approved disposition received 11/9/11 for docs sent to CBO on 10/27/11. Approved disposition received 11/9/11 for the condenser exhauster foundation. Approved with comment disposition received 11/9/11 for haz storage. One drawing sent to the CBO on 11/14/11. Info only disposition received 11/16/11 for DCN-015. Response required disposition receied 11/23/11 for water treatment extension and boiler feed pump. Haz material storage revised drawing sent to the CBO on 11/22/11. DCN-019 sent to the CBO on 11/28/11. Approved disposition received 11/30/11 for DCN-019. Approved with note disposition received 11/30/11 for condenser exhauster pump only. Revise and resubmit disposition received 12/1/11 for haz. Sent revised calc and drawing to the CBO on 12/6/11. Sent revised haz storage drawing/response to CBO comments to the CBO on 12/8/11. Sent new and revised documents plus response to CBO comments to the CBO on 12/9/11. Approved with note disposition received 12/13/11. Approved disposition received 1/8/12 and 1/9/12. Sent three documents to the CBO on 2/11/12. Approved disposition received 2/15/12. Sent one revised drawing to the CBO on 2/17/12. Sent DCN-049 and DCN-050 to the CBO on 2/22/12. Approved dispositions received 2/29/12 for DCN-049 and DCN-050. Approved disposition received 3/1/12. DCN-052 was sent to the CBO on 3/13/12. Approved disposition received 3/14/12. DCN-053 was sent to the CBO on 3/15/12. Approved disposition received 3/15/12. DCN-059 and DCN-060 were sent to the CBO on 3/28/12. Information only disposition received 3/29/12. One revised drawing sent to the CBO on 4/13/12. Two drawings sent to the CBO on 4/13/12. Approved disposition received 4/18/12. Approved disposition received 4/19/12. DCN-068 was sent to the CBO on 4/26/12. One drawing sent to the CBO on 5/2/12. Information only disposition received 5/4/12. Two documents were sent to the CBO on 5/15/12. Two drawings sent to the CBO on 5/23/12. DCN-075 sent to the CBO on 5/25/12. One drawing sent to the CBO on 5/29/12. Response required and approved dispositions received 6/5/12. DCN-079 sent to the CBO on 6/8/12. Response required and approved dispositions received 6/12/12. One drawing and response to CBO comments sent to the CBO on 6/25/12. Approved disposition received 6/28/12. DCN-079 was sent to the CBO on 7/5/12. Approved disposition received 7/10/12. Response to CBO comments sent to the CBO on 7/16/12. Response required disposition received 7/17/12. Approved disposition received 7/17/12. One document and response to CBO comments sent to the CBO on 8/2/12. Approved disposition received 8/17/12. Two documents sent to the CBO on 8/21/12. Approved disposition received 8/28/12. Three documents sent to the CBO on 8/29/12. One drawing sent to the CBO on 8/30/12		
Sent one calculation & one drawing to the CBO on 11/4/11. Response required disposition received 12/14/11. Two documents sent to the CBO on 12/29/11. Approved disposition received 1/10/12. DCN-039 sent to the CBO on 1/27/12. Approved disposition received 2/3/12 for DCN-039. DCN-043 sent to the CBO on 2/9/12. Response required disposition received 2/15/12. DCN-044 sent to the CBO on 2/17/12. DCN-043 closed was sent to the CBO on 2/17/12. Approved disposition received 2/21/12 for DCN-044. DCN-081 sent to the CBO on 6/25/12. Approved disposition received 6/27/12. DCN-085 sent to the CBO on 6/29/12. Approved disposition received 7/5/12		
Three documents sent to the CBO on 11/7/11. Two documents sent to the CBO on 11/16/11. Two revised drawings sent to the CBO on 12/8/11. Approved disposition received 12/20/11 for DCN-021 and DCN-022. Response required dispositio received 12/20/11. Two documents sent to the CBO on 12/20/11. One revised calculation, three revised drawings, one response to CBO comments were sent to the CBO on 1/9/12. Approved disposition received 1/26/12. Sent DCN-046 and DCN-047 to the CBO on 2/16/12. Received approved disposition on 2/21/12. Two revised drawings were sent to the CBO on 3/14/12. Approved disposition received 3/15/12. DCN-082 and DCN-083 sent to the CBO on 6/29/12. Approved disposition received 7/5/12		
Sent to the CBO on 11/8/11. Four documents sent to the CBO on 12/29/11. Response required disposition received 1/4/12. Response required disposition received 1/5/12 for supplement. Response required disposition received 1/16/12. Five documents sent to the CBO on 1/24/12. DCN-040 and DCN-041 sent to the CBO on 1/31/12. DCN-042 sent to the CBO on 2/2/12. Approved disposition received 2/23/12 for DCN-040, DCN-041, DCN-042. Approved with note disposition received 2/10/12. Sent documents to the CBO on 3/5/12. DCN-051 sent to the CBO on 3/5/12. Approved disposition received 3/8/12 for DCN-051. Approved disposition received 3/15/12. One revised drawing and response to CBO comments sent to the CBO on 3/15/12. DCN-054 and DCN-055 sent to the CBO on 3/17/12. Approved disposition received 3/19/12 includes DCN-054 and DCN-055. DCN-058 and DCN-061 were sent to the CBO on 3/27/12. Sent two revised drawings to the CBO on 3/28/12. Approved disposition received 3/29/12. DCN-063 and DCN-064 were sent to the CBO on 4/2/12. Approved disposition received 4/4/12. Approved disposition received 4/4/12. DCN-065 was sent to the CBO on 4/11/12. Approved disposition received 4/13/12 for DCN-065. DCN-071 was sent to the CBO on 5/8/12. Approved disposition received 5/9/12. DCN-076 sent to the CBO on 5/29/12. Approved disposition received 6/5/12. One drawing sent to the CBO on 6/15/12. Approved disposition received 6/19/12. One drawing sent to the CBO on 7/11/12. Two drawings sent to the CBO on 7/12/12. Approved disposition received 7/17/12		

One document sent to the CBO on 12/13/11. Approved disposition received 12/14/11. One document sent to the CBO on 12/27/11. Approved disposition received 1/10/12		
Two documents sent to the CBO on 12/16/11. DCN-032 was sent to the CBO on 1/12/12. Approved disposition received 1/18/12 for DCN-032. DCN-038 sent to the CBO on 1/20/12. Information only disposition received 1/31/12 for DCN-038. Response required received 2/10/12. Sent one revised drawing and response to CBO comments to the CBO on 3/2/12. Approved disposition received 3/8/12		
Two documents were sent to the CBO on 1/15/12. Response required disposition received 2/14/12. One document and response to CBO comments were sent to the CBO on 4/2/12. Revised documents sent to the CBO on 4/10/12. Approved disposition received 4/13/12. Review stopped disposition received 4/13/12. Approved disposition received 4/25/12		
Seven documents were sent to the CBO on 1/15/12. Response required disposition received 2/14/12. One revised document and response to CBO comments were sent to the CBO on 4/2/12. Approved disposition received 4/11/12		
Eight documents were sent to the CBO on 1/15/12. Response required disposition received 2/14/12. Response to CBO comments was sent to the CBO on 4/2/12. Approved disposition received 4/4/12		
Three documents were sent to the CBO on 1/17/12. Approved disposition received 2/14/12. Three documents sent to the CBO on 8/10/12. Approved disposition received 8/15/12		
One document sent to the CBO on 1/17/12. One document sent to the CBO on 1/20/12. Approved with note disposition received 2/14/12. Approved disposition received 3/7/12		
18 documents were sent to the CBO on 1/17/12. Response required disposition received 2/14/12. Revised documents and response to CBO comments were sent to the CBO on 4/2/12. Approved disposition received 4/11/12. One document sent to the CBO on 5/4/12. Approved disposition received 5/10/12		
Six documents were sent to the CBO on 1/17/12. One document sent to the CBO on 1/20/12. Response required disposition received 2/14/12. New documents and response to CBO comments were sent to the CBO on 4/3/12. Approved disposition received 4/11/12		
12 documents were sent to the CBO on 1/17/12. One document sent to the CBO on 1/20/12. Response required disposition received 2/15/12. Five documents and response to CBO comments were sent to the CBO on 4/3/12. Approved disposition received 4/11/12. DCN-066 sent to the CBO on 4/18/12. Approved disposition received 4/19/12. DCN-074 was sent to the CBO on 5/14/12. Approved disposition received 5/22/12. One document sent to the CBO on 6/28/12. Approved disposition received 7/5/12		
16 documents were sent to the CBO on 1/17/12. Response required disposition received 2/14/12. Response to CBO comments were sent to the CBO on 4/3/12. Approved disposition received 4/11/12		
One document was sent to the CBO on 1/17/12. One document sent to the CBO on 1/20/12. Response required disposition received 2/14/12. Response to CBO comments were sent to the CBO on 4/3/12. Approved disposition received 4/11/12		
14 documents were sent to the CBO on 1/18/12. Response required disposition received 2/14/12. One revised document and response to CBO comments were sent to the CBO on 4/3/12. Approved disposition received 4/11/12		
10 documents were sent to the CBO on 1/18/12. Response required disposition received 2/14/12. Response to CBO comments were sent to the CBO on 4/4/12. Approved disposition received 4/11/12		
Three documents sent to the CBO on 1/30/12. Response required disposition received 3/1/12. Revised documents and response to CBO comments sent to the CBO on 5/9/12. DCN-073 was sent to the CBO on 5/14/12. Approved disposition received 5/16/12. Approved disposition received 5/17/12. DCN-077 sent to the CBO on 5/31/12. Approved disposition received 6/6/12		

Five documents sent to the CBO on 2/10/12. Response required disposition received 2/29/12. Revised documents and response to CBO comments were sent to the CBO on 4/5/12. Approved disposition received 4/11/12. One document sent to the CBO on 5/1/12. One document sent to the CBO on 5/11/12. Approved disposition received 5/17/12		
Two documents sent to the CBO on 2/3/12. Approved disposition received 2/22/12. Sent revised drawing to the CBO on 3/8/12. Approved disposition received 3/13/12. One revised drawing sent to the CBO on 4/13/12. Approved disposition received 4/18/12		
Two documents were sent to the CBO on 2/7/12. Response required disposition received 3/8/12. Revised documents and response to CBO comments were sent to the CBO on 4/20/12. Approved disposition received 4/24/12. DCN-069 sent to the CBO on 5/3/12. Approved disposition received 5/3/12. One drawing sent to the CBO on 7/6/12. Approved disposition received 7/10/12		
Two documents were sent to the CBO on 2/11/12. Sent one revised and one new drawing to the CBO on 2/18/12. Response required disposition received 3/1/12. Response to CBO comments sent to the CBO on 5/7/12. Response required disposition received 5/17/12. One document and response to CBO comments sent to the CBO on 7/16/12. Approved disposition received 7/24/12		
Sent three documents to the CBO on 3/9/12. Response required disposition received 3/22/12. Two revised documents and response to CBO comments were sent to the CBO on 4/30/12. Approved disposition received 5/4/12		
Sent two documents to the CBO on 3/3/12. Approved disposition received 3/8/12. One revised drawing sent to the CBO on 3/16/12. Approved disposition received 3/21/12. One document sent to the CBO on 8/7/12. Approved disposition received 8/9/12		
Two documents were sent to the CBO on 3/30/12. Approved disposition received 4/4/12		
Documents were sent to the CBO on 4/4/12. Approved disposition received 4/11/12. Two documents sent to the CBO on 8/9/12. Approved disposition received 8/14/12. DCN-090 sent to the CBO on 8/23/12. Approved disposition received 8/28/12. One drawing sent to the CBO on 8/30/12		
Documents were sent to the CBO on 4/25/12. Approved disposition received 5/8/12. One drawing sent to the CBO on 8/14/12. Approved disposition received 8/16/12		
Documents were sent to the CBO on 4/25/12. One revised drawing sent to the CBO on 5/2/12. Approved disposition received 5/10/12. DCN-072 was sent to the CBO on 5/12/12. Approved disposition received 5/16/12. DCN-078 sent to the CBO on 5/31/12. Approved disposition received 6/6/12. Three documents sent to the CBO on 8/7/12. Approved disposition received 8/9/12		
Three drawings sent to the CBO on 8/23/12. Information only disposition received 8/28/12		
Response required disposition received 12/30/11. 9 documents were sent to the CBO on 1/4/12. Four new drawings were sent to the CBO on 1/5/12. Revised drawings and response to CBO comments sent to the CBO on 2/17/12. Response required disposition received 3/7/12. Revised drawings and response to CBO comments were sent to the CBO on 3/30/12. Approved disposition received 4/4/12. Sent one drawing to the CBO on 4/6/12. Approved disposition received 4/10/12. Three revised drawings sent to the CBO on 4/13/12. Approved disposition received 4/18/12. Four drawings sent to the CBO on 6/12/12. One drawing sent to the CBO on 6/15/12. Two drawings sent to the CBO on 6/18/12. One drawing sent to the CBO on 6/18/12. Approved disposition received 6/20/12. Approved disposition received 6/21/12. Response required disposition received 7/5/12. One drawing sent to the CBO on 7/30/12. Approved disposition received 7/31/12. One document and response to CBO comments sent to the CBO on 8/2/12. One drawing sent to the CBO on 8/14/12. Approved disposition received 8/16/12. Three drawings sent to the CBO on 8/17/12. Approved disposition received 8/17/12. Approved disposition received 8/21/12		
7 drawings and one calculation sent to the CBO on 11/14/11. 7 drawings sent to the CBO on 12/2/11. 7 revised drawings sent to the CBO on 12/9/11. Response required disposition received 1/8/12. Revised drawings and response to CBO comments sent to the CBO on 2/14/12. DCN-048 sent to the CBO on 2/22/12. Approved disposition received 2/29/12 for DCN-048. Response required disposition received 3/7/12. One revised drawing and response to CBO comments sent to the CBO on 3/16/12. Approved disposition received 3/19/12. One drawing was sent to the CBO on 3/23/12. Response required disposition received 3/29/12. Response to CBO comments sent to the CBO on 4/13/12. Approved disposition received 4/18/12. One drawing sent to the CBO on 5/22/12. Approved disposition received 6/5/12. Two drawings sent to the CBO on 6/15/12. Approved disposition received 6/20/12		

Nine documents sent to the CBO on 1/27/12. Response required disposition received 3/1/12. Sent revised documents and response to CBO comments to the CBO on 4/9/12. Revised drawing sent to the CBO on 4/13/12. Approved disposition received 4/13/12. Approved disposition received 4/18/12. Three drawings sent to the CBO on 6/4/12. Approved disposition received 6/6/12. Four drawings sent to the CBO on 7/17/12. Approved disposition received 7/19/12. Two documents sent to the CBO on 8/20/12. Response required disposition received 8/29/12		
Two documents were sent to the CBO on 2/27/12. Approved disposition received 3/15/12		
Sent one document to the CBO on 2/24/12. Approved disposition received 3/19/12		
Sent one document to the CBO on 2/24/12. Information only disposition received 3/1/12		
Sent four documents to the CBO on 3/9/12. Response required disposition received 3/29/12. One document sent to the CBO on 5/11/12. Information only disposition received 5/17/12. Two document and response to CBO comments sent to the CBO on 6/15/12. Approved disposition received 7/5/12		

Sent documents to the CBO on 3/4/12 and 3/5/12. Response required disposition received 3/13/12. Documents were sent to the CBO on 3/30/12. Response required disposition received 4/18/12. One document sent to the CBO on 5/11/12. One document and response to CBO comments sent to the CBO on 5/16/12. 53 documents were sent to the CBO on 5/16/12. One document sent to the CBO on 5/25/12. Response required disposition received 5/30/12. Information only disposition received 5/31/12. Three documents sent to the CBO on 6/5/12. Approved disposition received 6/5/12. Response required disposition received 6/20/12. Response to CBO comments sent to the CBO on 6/20/12. Response required disposition received 6/27/12. Two documents sent to the CBO on 7/16/12. One document sent to the CBO on 7/20/12. Two documents sent to the CBO on 7/24/12. Information only disposition received 7/26/12. Response required disposition received 8/1/12. One document sent to the CBO on 8/2/12. One document sent to the CBO on 8/3/12. One document sent to the CBO on 8/7/12. Approved with note disposition received 8/8/12. One document sent to the CBO on 8/21/12. Response required disposition received 8/22/12. One document sent to the CBO on 8/23/12. Approved with note disposition received 8/29/12		
Sent documents to the CBO on 4/12/12. Documents sent to the CBO on 4/30/12. Information only disposition received 5/17/12. Approved disposition received 5/17/12		
Three drawings were sent to the CBO on 4/2/12. One document was sent to the CBO on 4/4/12. Response required disposition received 4/10/12. Revised documents and response to CBO comments sent to the CBO on 5/9/12. Approved disposition received 5/17/12		
Two documents sent to the CBO on 5/9/12. One drawing sent to the CBO on 5/14/12. Approved dispositions received 5/17/12. One drawing sent to the CBO on 5/23/12. Approved disposition received 6/5/12. Two drawings sent to the CBO on 6/19/12. Approved disposition received 6/22/12. Two drawings sent to the CBO on 6/28/12. Approved disposition received 7/5/12. Four documents sent to the CBO on 8/8/12. Approved disposition received 8/21/12. One drawing sent to the CBO on 8/30/12		
Two documents sent to the CBO on 8/29/12		
To the CBO on 8/3/11. Review stopped disposition received 12/2/11. One document sent to the CBO on 12/20/11. Response required disposition received 2/14/12. Sent documents to the CBO on 3/21/12. Response required disposition received 4/12/12. Four documents sent to the CBO on 6/5/12. 26 documents and response to CBO comments sent to the CBO on 6/8/12. One document sent to the CBO on 6/18/12. Response required disposition received 6/20/12. Response required disposition received 6/27/12. One document sent to the CBO on 7/16/12. Approved disposition received 7/17/12. 30 documents and response to CBO comments sent to the CBO on 7/20/12. Response required disposition received 8/3/12. Three documents were sent to the CBO on 8/21/12. Response required disposition received 8/30/12		CBO

Revised drawing sent to the CBO on 6/29/11. Meeting room and revised layout site plan sent 7/18/11. Approved disposition received 7/18/11. New drawing sent 7/21/11. Disposition received 8/3/11, response required. Revised alternate meeting room & trailer layout plan sent to the CBO on 8/10/11. Calpine letter to the CBO 8/18/11. Approved disposition received 9/7/11. Sent three documents to the CBO on 3/26/12. Response required disposition received 3/29/12. Revised drawing sent to the CBO on 4/5/12. Approved disposition received 4/10/12. One document sent to the CBO on 5/11/12. Information only disposition received 5/17/12. One document sent to the CBO on 7/19/12. Response required disposition received 7/24/12		CBO
21 documents sent to the CBO on 12/22/11. Response required disposition received 1/12/12. Partial response sent to the CBO on 1/26/12. Response required disposition received 1/31/12. Sent response to CBO comments to the CBO on 2/16/12. Response required disposition received 2/21/12. Sent three documents to the CBO on 3/1/12. Response required disposition received 3/14/12. One drawing sent to the CBO on 3/23/12. Information only disposition received 3/29/12. Response to CBO comments were sent to the CBO on 4/17/12. Approved disposition received 4/19/12		
Upon discovery	5	LGC
After receipt	5	LGC
After CBO action	5	LGC
As required by the CBO		LGC
		LGC
Prior to the installation of tanks/vessels	30	LGC

		LGC
Prior to the start of any increment of major piping or plumbing construction	30	LGC
		LECEF
		LECEF
Three specs sent to the CBO on 10/7/11. One spec sent to the CBO on 10/10/11. One spec sent to the CBO on 10/13/11. Five specs sent to the CBO on 10/25/11. Approved disposition received 11/2/11 for 404216, 405020, 405505. Approved with note disposition received 11/8/11 for 406001, 406003, 406011, 406002. Sent revised 406011 to the CBO on 12/12/11		
Revised spec sent to the CBO on 7/1/11. 32 revised specs sent to the CBO on 7/29/11. Revised drawing sent to the CBO on 8/23/11. Approved disposition received 10/26/11		LGC
Conditionally approved by CBO 6/27. 22 revised drawings sent to the CBO on 8/15/11. Revised drawing sent to the CBO on 8/23/11. 11 drawings sent to the CBO on 10/17/11. Approved with notes disposition received 11/8/11 for steam. Approved with notes disposition received 12/1/11. 17 new and revised drawings sent to the CBO on 12/2/11. Approved with note disposition received 12/13/11. 21 documents were sent to the CBO on 12/19/11. Approved with note disposition received 12/20/11. Response required dispositioin received 1/10/12. DCN-031 was sent to the CBO on 1/10/12. Approved disposition received 1/18/12 for DCN-031. Approved with note disposition received 1/25/12. 15 new and revised drawings sent to the CBO on 2/9/12. Approved disposition received 2/21/12. Sent one drawing to the CBO on 2/29/12. Approved disposition received 2/29/12 for one drawing. Response to CBO comments sent to the CBO on 2/29/12. Approved disposition received 3/1/12. Sent new and revised drawings to the CBO on 3/3/12. Approved with note disposition received 3/7/12. Sent new and revised drwings to the CBO on 3/13/12. Sent one drawing to the CBO on 3/13/12. Approved disposition received 3/13/12. One revised drawing sent to the CBO on 3/16/12. Approved disposition received 3/19/12. Approved disposition received 3/21/12. Approved disposition received 3/22/12. Sent one drawing to the CBO on 3/23/12. Approved disposition received 3/29/12. One revised drawing sent to the CBO on 4/4/12. Approved disposition received 4/10/12. Two revised drawings sent to the CBO on 5/3/12. Fvie drawings sent to the CBO on 5/9/12. 18 drawings sent to the CBO on 5/23/12. Approved disposition received 5/30/12. Approved disposition received 6/5/12. Eight drawings sent to the CBO on 8/20/12. Approved disposition received 8/21/12		LGC

Approved with Note by COB 6/30. One revised drawing sent to the CBO on 9/22/11. One revised drawing sent to the CBO on 9/30/11. Six drawings sent to the CBO on 10/7/11. Approved disposition received 10/17/11		LGC
To the CBO on 9/23/11. 72 drawings sent to the CBO on 9/28/11. One drawing sent to the CBO on 10/6/11. Approved disposition received 10/13/11 for isometric. Info only disposition received 10/17/11 for DCN-007. One drawing sent to the CBO on 10/24/11. Cathodic disposition received 11/4/11 as conditonally approved. DCN-013 sent to the CBO on 11/9/11 and approved with comment disposition received 11/9/11. Approved with note disposition received 12/1/11 for one drawing. Revise and resubmit disposition received 12/1/11 for stub-up. DCN-020 sent to the CBO on 12/6/11, approved disposition as well. 29 documents were sent to the CBO on 12/20/11. DCN-013, DCN-007, DCN-003, DCN-020 sent to the CBO on 12/20/11. 86 drawings were sent to the CBO on 12/23/11. 28 documents were sent to the CBO on 12/28/11. Four revised drawings were sent to the CBO on 1/6/12. DCN-026 was sent to the CBO on 1/6/12. Seven revised drawings were sent to the CBO on 1/11/12. Approved disposition received 1/12/12. Approved disposition received 1/12/12 for DCN-026. DCN-036 sent to the CBO on 1/13/12. Approved disposition received 1/18/12. Approved disposition received 1/24/12. Approved disposition received 1/25/12. Information only disposition received 2/15/12 for all isometrics. Sent 22 drawings to the CBO on 2/15/12. Information only disposition received 2/23/12 for isometrics. Sent seven cathodic drawings to the CBO on 2/24/12. Approved disposition received 2/29/12. Sent revised drawings to the CBO on 3/8/12. Information only disposition received 3/14/12. DCN-057 was sent to the CBO on 3/27/12. Approved disposition received 3/29/12. 11 revised drawings sent to the CBO on 4/6/12. Information only disposition received 4/10/12. Five new drawings were sent to the CBO on 4/20/12. Information only disposition received 4/24/12. One drawing sent to the CBO on 5/7/12. Two drawings sent to the CBO on 5/16/12. Information only disposition received 5/17/12. Information only disposition received 5/30/12. Two drawings sent to the CBO on 6/1/12. Information only disposition received 6/6/12. Eight drawings sent to the CBO on 6/26/12. Information only disposition received 7/5/12. Four drawings sent to the CBO on 7/13/12. Information only disposition received 7/24/12. 10 drawings sent to the CBO on 8/1/12. Information only disposition received 8/3/12. Six drawings sent to the CBO on 8/8/12. Information only disposition received 8/14/12		
To the CBO on 8/26/11. Conditional approval disposition received 9/27/11		
To the CBO on 9/9/11. Information and records only disposition received 10/12/11. Five documents sent to the CBO on 6/25/12. Approved disposition received 7/18/12		
To the CBO on 9/9/11. Information and records only disposition received 10/12/11		
To the CBO on 9/16/11. Information only disposition received 10/17/11		
One drawing sent to the CBO on 11/4/11. Approved with note disposition received 11/30/11. One revised drawing sent to the CBO on 1/13/12. Information only disposition received 2/1/12. DCN-067 was sent to the CBO on 4/26/12. Information only disposition received 5/4/12. One drawing sent to the CBO on 7/26/12. Information only disposition received 7/31/12		
One document sent to the CBO on 12/16/11. Record and inspection only disposition received 1/9/12. Sent one drawing to the CBO on 2/11/12. Information only disposition received 2/15/12. Sent one document to the CBO on 2/21/12. Sent one document to the CBO on 2/23/12. Information only disposition received 2/23/12. Information only disposition received 2/29/12. One drawing sent to the CBO on 4/26/12. Information only disposition received 5/4/12. One document sent to the CBO on 6/25/12. Information only disposition received 6/27/12. One drawing sent to the CBO on 6/29/12. Information only disposition received 7/5/12. One drawing sent to the CBO on 7/6/12. Information only disposition received 7/10/12. One drawing sent to the CBO on 7/26/12. One drawing sent to the CBO on 7/30/12. Information only disposition received 7/31/12. Information only disposition received 7/31/12. One document sent to the CBO on 8/21/12. One drawing sent to the CBO on 8/21/12. Information only disposition received 8/28/12		
One document was sent to the CBO on 1/11/12. Information only disposition received 2/1/12. One document sent to the CBO on 8/20/12. Information only disposition received 8/21/12		
Sent two documents to the CBO on 2/18/12. Approved disposition received 3/29/12		

40 drawings sent to the CBO on 2/22/12. Sent 43 drawings to the CBO on 2/24/12. Sent drawings to the CBO on 3/5/12. Sent 14 drawings to the CBO on 3/12/12. Sent drawings to the CBO on 3/19/12. Information only disposition received 3/21/12. Information only disposition received 3/22/12. 176 drawings sent to the CBO on 4/26/12. 118 drawings were sent to the CBO on 5/1/12. 93 drawings were sent to the CBO on 5/2/12. 28 drawings were sent to the CBO on 5/3/12. 14 drawings were sent to the CBO on 5/3/12. Five drawings sent to the CBO on 5/7/12. 59 drawings were sent to the CBO on 5/7/12. 33 drawings were sent to the CBO on 5/8/12. 9 drawings sent to the CBO on 5/8/12. Information only dispositions received 5/10/12. 43 drawings were sent to the CBO on 5/15/12./ 12 drawings were sent to the CBO on 5/17/12. 60 drawings sent to the CBO on 5/19/12. 27 drawings sent to the CBO on 5/20/12. 31 drawings were sent to the CBO on 5/23/12. 76 drawings sent to the CBO on 5/23/12. 3 drawings sent to the CBO on 5/24/12. 8 drawings sent to the CBO on 5/25/12. 27 drawings sent to the CBO on 5/30/12. 59 drawings sent to the CBO on 5/30/12. Four drawings sent to the CBO on 5/31/12. 40 drawings sent to the CBO on 6/1/12. 18 drawings sent to the CBO on 6/4/12. Information only disposition received 6/6/12. 31 drawings sent to the CBO on 6/6/12. 9 drawings sent to the CBO on 6/7/12. 57 drawings sent to the CBO on 6/12/12. Information only disposition received 6/12/12. 58 drawings sent to the CBO on 6/18/12. 28 drawings sent to the CBO on 6/19/12. Information only disposition received 6/19/12. 135 drawings sent to the CBO on 6/20/12. 95 drawings sent to the CBO on 6/21/12. 24 drawings sent to the CBO on 6/22/12. 57 drawings sent to the CBO on 6/25/12. 51 drawings sent to the CBO on 6/27/12. 18 drawings sent to the CBO on 6/28/12. 40 drawings sent to the CBO on 6/29/12. 42 drawings sent to the CBO on 7/2/12. Information only disposition received 7/10/12. 143 drawings sent to the CBO on 7/10/12. 24 drawings sent to the CBO on 7/13/12. 21 drawings sent to the CBO on 7/19/12. Information only disposition received 7/25/12. 80 drawings sent to the CBO on 8/8/12. Information only disposition received 8/14/12. 66 drawings were sent to the CBO on 8/17/12. Information only disposition received 8/22/12. 52 drawings sent to the CBO on 8/28/12. 86 drawings sent to the CBO on 8/29/12. 82 drawings sent to the CBO on 8/30/12		
8 documents were sent to the CBO on 2/27/12. Response required disposition received 3/29/12. Revised documents and response to CBO comments sent to the CBO on 4/27/12. Approved disposition received 5/4/12		
Sent one document to the CBO on 2/24/12. Approved disposition received 3/1/12. Two documents sent to the CBO on 5/9/12. One drawing sent to the CBO on 5/17/12. Three documents sent to the CBO on 5/25/12. Response required disposition received 5/30/12. One document and response to CBO comments sent to the CBO on 6/12/12. Approved disposition received 6/12/12. Approved disposition received 6/19/12. Response required disposition received 6/20/12. Documents and response to CBO comments sent to the CBO on 7/18/12. Approved disposition received 7/25/12. Approved disposition received 7/31/12. Six documents sent to the CBO on 8/21/12. Four drawings sent to the CBO on 8/30/12		
Sent documents to the CBO on 3/13/12. Information only disposition received 3/15/12		
Document sent to the CBO on 5/15/12. Information only disposition received 5/30/12		
Documents sent to the CBO on 5/18/12. Response required disposition received 6/13/12. 10 documents sent to the CBO on 6/27/12. Approved disposition received 7/17/12		
Sent documents to the CBO on 3/8/12. Approved with note disposition received 3/19/12		
Documents were sent to the CBO on 4/24/12. Response required disposition received 6/5/12. One document sent to the CBO on 7/19/12. Approved disposition received 7/24/12		
Documents were sent to the CBO on 4/25/12. Approved disposition received 6/5/12		
Documents were sent to the CBO on 4/27/12. Approved disposition received 6/5/12		
One document sent to the CBO on 8/24/12. Approved disposition received 8/30/12		
One document sent to the CBO on 7/30/12. Information only disposition received 8/21/12		
Five documents sent to the CBO on 6/20/12. Information only disposition received 7/12/12. One document sent to the CBO on 7/16/12. One document sent to the CBO on 8/23/12		

One document sent to the CBO on 4/13/12. Response required disposition received 4/25/12. Revised document sent to the CBO on 5/3/12. Approved disposition received 5/17/12. One document sent to the CBO on 6/19/12. One document sent to the CBO on 6/22/12. Information only disposition received 7/11/12		
Documents sent to the CBO on 5/24/12. Response required disposition received 6/6/12		
Documents sent to the CBO on 5/2/12. One document sent to the CBO on 5/10/12. Approved disposition received 5/17/12. Approved disposition received 5/30/12. Nine documents sent to the CBO on 6/13/12. Approved disposition received 6/19/12. 10 documents sent to the CBO on 8/13/12. Approved dispositions received 8/22/12		
16 drawings sent to the CBO on 6/20/12. Information only disposition received 6/22/12. Four drawings sent to the CBO on 8/29/12		
One document sent to the CBO on 7/26/12. Response required disposition received 8/17/12. One document sent to the CBO on 8/23/12. Approved disposition received 8/30/12		
Six documents sent to the CBO on 7/18/12. Information only disposition received 7/24/12		
To the CBO on 7/12/11. Disposition received 8/31/11, review stopped. RJ sent to the CBO on 2/6/12. Response required disposition received 3/8/12. Revised document and response to CBO comments were sent to the CBO on 3/26/12. Approved disposition received 3/29/12. One document sent to the CBO on 7/16/12. Approved disposition received 7/18/12		
To the CBO on 9/26/11. Review stopped disposition received 11/1/11		
Prior to the start of on-site fabrication or installation of any pressure vessel	30	LGC
		LGC
Prior to the start of construction of any HVAC or refrigeration system	30	LGC
		LGC
Prior to start of each increment of electrical construction	30	LGC
		LGC
		LECEF

2 specs sent to the CBO on 10/5/11. One spec sent to the CBO on 10/6/11		
Sent three documents to the CBO on 2/10/12. Information only disposition received 3/7/12. Sent documents to the CBO on 3/23/12. Sent documents to the CBO on 4/10/12. Approved disposition received 4/13/12		
To the CBO on 9/2/11. Disposition received 9/8/11, response required. 9 documents sent to the CBO on 9/19/11. Approved disposition received 9/22/11 for docs sent on 9/19/11. 16 new and revised drawings sent to the CBO on 12/5/11. Sent one revised drawing to the CBO on 12/9/11. Approved disposition received 12/13/11. Four documents sent to the CBO on 12/20/11. Approved disposition received 1/10/12. Five documents were sent to the CBO on 1/20/12. One document sent to thet CBO on 1/23/12. Approved disposition received 1/24/12. Sent one drawing to the CBO on 2/12/12. Approved disposition received 2/15/12. Sent one revised drawing to the CBO on 3/2/12. Approved disposition received 3/7/12. Sent revised drawings to the CBO on 3/21/12. Approved disposition received 3/22/12. One revised drawing was sent to the CBO on 3/23/12. Approved disposition received 3/29/12. Sent one drawing to the CBO on 4/18/12. One revised drawing sent to the CBO on 4/19/12. Approved disposition received 4/24/12. Response required disposition received 4/26/12. Three drawings were sent to the CBO on 5/8/12. One drawing sent to the CBO on 5/22/12. Three drawings sent to the CBO on 5/29/12. Nine drawings sent to the CBO on 6/5/12. Approved disposition received 6/5/12. Approved and approved with note dispositions received 6/6/12. Five drawings sent to the CBO on 6/12/12. Approved disposition received 6/12/12. Response required disposition received 6/19/12. One drawing sent to the CBO on 7/12/12. Approved disposition received 7/17/12. Response to CBO comments sent to the CBO on 7/23/12. Approved disposition received 7/24/12. Response to CBO comments sent to the CBO on 7/27/12. Approved disposition received 8/1/12. One drawing sent to the CBO on 8/22/12. Five drawings sent to the CBO on 8/24/12. Approved disposition received 8/28/12. Response required disposition received 8/29/12		
One drawing sent to the CBO on 11/4/11. Information only disposition received 12/14/11		
One document sent to the CBO on 2/3/12. Approved disposition received 2/14/12. Six drawings sent to the CBO on 8/21/12. Response required disposition received 8/30/12		
Two drawings sent to the CBO on 6/18/12. Information only disposition received 6/21/12		
Five drawings sent to the CBO on 6/19/12. Four drawings sent to the CBO on 6/21/12. 31 drawings sent to the CBO on 6/22/12. Approved disposition received 6/27/12. Approved disposition received 6/28/12. Six drawings sent to the CBO on 7/30/12. Response required disposition received 8/17/12		

Three drawings sent to the CBO on 6/22/12. Approved disposition received 6/28/12		
One drawing sent to the CBO on 7/24/12. Information only disposition received 7/26/12. One drawing sent to the CBO on 8/14/12. Information only disposition received 8/16/12		
To the CBO on 9/23/11. One sheet conditionally approved on 10/18/11. Sent 10 revised and new drawings to the CBO on 10/24/11. Approved disposition received 11/2/11. Two revised drawings sent to the CBO on 12/5/11. Approved disposition received 12/13/11. Sent two documents to the CBO on 12/16/11. Approved disposition received 12/16/11. Five documents were sent to the CBO on 1/20/12. Approved disposition received 2/3/12 for three drawings. Response required disposition received 2/3/12 for two drawings. Sent three revised drawings to the CBO on 3/3/12. Approved disposition received 3/8/12. Two drawings sent to the CBO on 5/22/12. Three drawings sent to the CBO on 5/25/12. One drawing sent to the CBO on 6/1/12. Four drawings sent to the CBO on 6/5/12. Review stopped disposition received 6/5/12. Approved disposition received 6/12/12. Approved with note disposition received 6/13/12. Five drawings sent to the CBO on 7/26/12. Approved disposition received 7/31/12. Four drawings sent to the CBO on 8/22/12. Two drawings sent to the CBO on 8/24/12. Response required disposition received 8/29/12		
Document sent to the CBO on 5/25/12. Two documents sent to the CBO on 6/6/12. Response required disposition received 6/6/12. Information only disposition received 6/12/12. Approved with note disposition received 6/12/12. One document sent to the CBO on 6/18/12. Two documents sent to the CBO on 6/19/12. Three documents sent to the CBO on 6/19/12. Approved disposition received 6/21/12. Information only disposition received 6/22/12. Approved disposition received 6/22/12		
Three drawings sent to the CBO on 5/4/12. Approved disposition received 5/17/12. Four drawings sent to the CBO on 7/3/12. Approved disposition received 7/17/12. Seven drawings sent to the CBO on 7/20/12. Approved disposition received 7/25/12. One drawing sent to the CBO on 8/24/12. Response required disposition received 8/29/12. Two drawings sent to the CBO on 8/30/12		
Four drawings sent to the CBO on 5/4/12. Response required disposition received 5/17/12. 26 drawings sent to the CBO on 7/26/12. Review stopped disposition received 8/1/12. Response required disposition received 8/29/12. One drawing sent to the CBO on 8/30/12		
Five drawings sent to the CBO on 5/4/12. Response required disposition received 5/17/12. 34 drawings sent to the CBO on 8/10/12. Information only disposition received 8/15/12. One drawing and response to CBO comments sent to the CBO on 8/28/12. Approved disposition received 8/29/12		

To the CBO on 8/2/11 and 8/29/11. Disposition received 9/8/11, response required. Approved disposition received 10/17/11 for DCN-001. Four drawings sent to the CBO on 11/11/11. Approved with comments disposition received 11/21/11 for 11/11/11 documents. Sent three revised drawings to the CBO on 12/9/11. Approved disposition received 12/14/11. Sent two revised drawings to the CBO 2/3/12. Approved disposition received 2/14/12. One revised drawing sent to the CBO on 5/2/12. Approved disposition received 5/3/12		
Two documents sent to the CBO on 12/22/11. Approved disposition received 1/25/12. Sent three drawings to the CBO on 3/2/12. Approved with note disposition received 3/13/12. Sent three revised drawings to the CBO on 3/22/12. Approved disposition received 3/22/12. Five drawings sent to the CBO on 5/16/12. Response required disposition received 5/30/12. Three drawings sent to the CBO on 7/12/12. One drawing sent to the CBO on 7/17/12. Approved with note disposition received 7/18/12. One drawing sent to the CBO on 7/24/12. Approved disposition received 7/24/12. Approved disposition received 7/25/12. Three drawings sent to the CBO on 8/1/12. Response to CBO comments sent to the CBO on 8/3/12. Approved disposition received 8/6/12. Approved disposition received 8/16/12		
Sent two drawings to the CBO on 2/12/12. Approved disposition received 2/15/12. Sent revised drawing to the CBO on 3/2/12. Response required disposition received 3/13/12. Revised drawing was sent to the CBO on 3/15/12. Approved disposition received 3/15/12. Response to CBO comments sent to the CBO on 4/13/12. Approved disposition received 4/18/12. One drawing sent to the CBO on 5/14/12. Response required disposition received 6/6/12. Two drawings and response to CBO comments sent to the CBO on 7/17/12. Approved disposition received 7/18/12		
		LECEF
		LECEF
		LECEF
Prior to first preconstruction meeting		LECEF
Prior to the start of construction	30	LECEF

		LECEF
		LECEF
		LECEF
Prior to the start of construction	14	LGC
Prior to receipt of hazardous materials	30	LGC
		LECEF
At the time of certification	1	LECEF
Prior to the start of construction		LECEF
		LECEF
After receipt	10	LECEF
Prior to site closure	365	LECEF
After certification	60	LECEF
After permanent facility closure	90	LECEF

		LECEF
Prior to the start of construction	30	LECEF

Prior to the delivery	60	LECEF
Prior to the delivery	60	LGC
Prior to the delivery	60	LECEF
Prior to receipt of sulfuric acid	30	LGC
Prior to receipt of any hazardous materials	60	LGC
Prior to the initial flow of gas	30	LECEF
Prior to subsequent inspections	365	LECEF
Prior to the initial flow of gas	30	LECEF
After flow of gas	5 yrs	LECEF
Prior to the initial flow of gas		LECEF
Following receipt of the request	90	LECEF
Prior to ground disturbance		LECEF
After receiving a noise complaint	10	LECEF

When mitigation is implemented		LECEF
Prior to ground disturbance	30	LECEF
Prior to the first steam blow	15	LGC
Prior to the first steam blow	15	LECEF
After notification	5	LECEF
After achieving a sustained output of 80 percent or greater of rated capacity	30	LGC
After completing the survey	30	LGC
After completing the new survey	30	LGC
After completing the new survey	30	LECEF
Prior to ground disturbance		LECEF

Prior to the start of construction	60	LECEF
Prior to ground disturbance	20	LECEF
Prior to additional monitor activities	7	LECEF
Prior to the termination or release	10	LECEF

Prior to the start of construction	45	LECEF
Prior to the start of mobilization	30	LECEF
		LGC
		LECEF
		LECEF
Following completion of the analysis	90	LECEF
Prior to the start of commissioning	30	LECEF
Prior to the start of construction	60	LGC
		LGC
Prior to site mobilization	60	LECEF
Prior to the start of ground disturbance	60	LECEF
Prior to construction of the storm water outfall	30	LECEF

Prior to the start of operation	30	LECEF
Prior to construction of the storm water outfall	30	LECEF
		LECEF
		LECEF
		LECEF
Prior to proposed change	60	LECEF
Prior to proposed change	60	LECEF
Prior to initial operation	60	LECEF
Prior to initial operation	60	LECEF
Prior to initial operation	30	LECEF
Prior to construction of the storm water outfall	30	LECEF

Prior to the start of ground disturbance	60	LECEF
		LECEF
		LGC
		LGC

		LECEF
Prior to the start of mobilization	30	LGC
After completion of construction	60	LGC
Following completion of any public right-of-way repairs		LECEF

Prior to line-related ground disturbance	30	LGC
After completion of the measurements	60	LGC
Prior to line-related ground disturbance	30	LGC

Two documents sent to the CBO on 12/20/11. Approved with note disposition received 1/10/12	60	LGC
Four documents sent to the CBO on 4/12/12. Approved disposition received 5/3/12. Five documents sent to the CBO on 6/25/12. Response required disposition received 7/12/12. Four documents and response to CBO comments sent to the CBO on 7/26/12. Approved disposition received 7/31/12		
Two documents sent to the CBO on 7/6/12. Information only disposition received 7/10/12		
		LGC

Prior to the start of rough grading	30	LGC
After CBO approval	5	LECEF
Prior to reassignment or replacement	5	
To the CBO on 11/17/11. Approved disposition received 11/30/11		
After CBO action	15	LGC
After CBO disapproval	5	LGC
Prior to the start of each increment of construction	30	LGC
		LGC
		LGC
Sent two documents to the CBO on 2/10/12. Response required disposition received 2/29/12. Response to CBO comments sent to the CBO on 3/14/12. Approved disposition received 3/15/12. Five documents sent to the CBO on 4/9/12. Response required disposition received 4/26/12. One document and response to CBO comments sent to the CBO on 6/4/12. Approved disposition received 6/6/12. One drawing sent to the CBO on 6/12/12. Information only disposition received 6/19/12		LGC
Sent one drawing to the CBO on 2/27/12. Sent two drawings to the CBO on 3/12/12. Response required disposition received 3/13/12. Review stopped disposition received 3/15/12. Drawings and response to CBO comments were sent to the CBO on 4/9/12. Approved disposition received 4/13/12		
Sent one drawing to the CBO on 2/27/12. Response required disposition received 3/13/12. Three documents were sent to the CBO on 3/19/12. Approved disposition received 3/21/12. Three drawings sent to the CBO on 4/10/12. Response required disposition received 4/26/12. One drawing and response to CBO comments sent to the CBO on 5/29/12. Approved disposition received 6/6/12. Response required disposition recceived 6/13/12. Five drawings sent to the CBO on 6/25/12. Approved disposition received 6/28/12. One document sent to the CBO on 7/16/12. Approved disposition received 7/17/12. Three drawings sent to the CBO on 7/19/12. Approved disposition received 7/24/12		
One drawing sent to the CBO on 4/10/12. Information only disposition received 4/13/12. One drawing sent to the CBO on 6/25/12. Approved disposition received 6/28/12		

Sent two drawings to the CBO on 2/27/12. Response required disposition received 3/13/12. Revised drawings and response to CBO comments sent to the CBO on 4/9/12. Approved disposition received 4/13/12. One drawing sent to the CBO on 5/20/12. Response required disposition received 6/6/12. Response to CBO comments sent to the CBO on 6/18/12. Approved disposition received 6/21/12		
Sent two documents to the CBO on 2/27/12. Approved disposition received 3/7/12. One revised drawing sent to the CBO on 4/9/12. Response required disposition received 4/26/12. New and revised drawings and response to CBO comments sent to the CBO on 5/20/12. Approved disposition received 5/30/12. One drawing sent to the CBO on 5/31/12. One drawing sent to the CBO on 6/11/12. Approved disposition received 6/12/12. Approved disposition received 6/13/12. One drawing sent to the CBO on 7/23/12. Approved disposition received 7/24/12. Six drawings sent to the CBO on 8/21/12. Approved disposition received 8/28/12		
Sent one drawing to the CBO on 4/9/12. Response required disposition received 4/26/12. One drawing and response to CBO comments sent to the CBO on 5/30/12. Approved disposition received 6/5/12. Two drawings sent to the CBO on 6/25/12. Approved disposition received 6/28/12		
Sent documents to the CBO on 3/23/12. Response required disposition received 4/19/12. 12 documents and response to CBO comments sent to the CBO on 6/12/12. Approved disposition received 6/19/12. One document sent to the CBO on 7/26/12. Two documents sent to the CBO on 8/3/12. Response required and approved dispositions received 8/14/12. Response to CBO comments sent to the CBO on 8/30/12		
Prior to the start of construction of transmission facilities	60	LGC
Prior to initial synchronization with the grid	7	LGC
Prior to synchronizing the facility with the grid	1	LGC
Prior to initial synchronization with the grid	1	LGC
Prior to initial synchronization with the grid	60	LGC
Upon discovery	10	LGC
		LECEF
		LECEF

Prior to beginning implementation of the surface restoration	45	LGC
Prior to ordering the first structures that are color treated during manufacture	30	LGC
Prior to the start of operation		LGC
		LECEF
Prior to installing the landscaping	30	LECEF
After completing installation of the landscaping	7	LECEF
		LECEF
To the CBO on 10/20/11. Disposition received 11/2/11, resubmit	15	LGC
Prior to ordering the facility exterior lighting	30	LGC
After completing exterior lighting installation	7	LGC
After complaint	2	LECEF
After complaint resolution	10	LECEF

Prior to installing signage visible to the public	30	LGC
After completing installation of the signage	7	LGC
Prior to construction of the six-cell cooling tower	60	LECEF
		LECEF
After monitoring periods	30	LECEF

Upon becoming aware of an impending enforcement action	10	LECEF
Prior to the start of construction	30	LECEF
Prior to operation	30	LECEF
		LECEF
Info to CBO only		LGC
		LECEF
		LECEF
		LGC
prior to any earthwork	45	LECEF
After completion of any earthwork	25	LECEF
Prior to the change of ownership	90	LECEF

Disposition received 7/13/11 as info only. Sent R2 to the CBO on 1/3/12. Information only disposition received 1/24/12	30	
Sent R2 to the CBO on 1/3/12. Information only disposition received 1/24/12	30	LGC
Prior to the start of operation	30	LECEF
Prior to the start of construction	30	LGC
Prior to the start of mobilization	30	LECEF
		LECEF
Prior to the start of mobilization	30	LGC

LECEF-T-002857

Los Esteros Critical Energy Center
800 Thomas Foon Chew Way
San Jose, CA 95134
Tel. (408) 635-1328 Fax (408) 635-1336

Date: 9/10/2012	**Transmittal No:** LECEF-T-002857
To: California Energy Commission Siting, Transmission and Environment Protection, Compliance Division, MS2000 1516 Ninth Street Sacramento, CA 95814	
From: Trinnique Low, Document Control	**Attn:** Christine Stora, Compliance Project Manager
Requested by: Rod Jones, LECEF	**Reference:** LECEF Phase 2 Monthly Compliance Report #15 August

DOCUMENT TRANSMITTAL

Please check the attachments to this transmittal against the listing noted below.
Report any discrepancies immediately to Calpine (408) 635-1328.

The following documents are transmitted for the purpose indicated in the status column:

Item	Type	Identification	Rev	Status	Description
001	E	Monthly Compliance Report #15	15	FI	August 2012 Monthly Compliance Report
002	E	CUL-5	09/10/12	FI	Daily Monitoring Logs (Confidential)

TYPE CODE

Original..... O
Copy..... C
Transmittal Only.....X
Electronic..... E
Posted to FTP Site....FTP
SharePoint.....SP

STATUS CODE

For Information..... FI
For Review and Comment..... FR
For Approval.....FA
Released for Bid.....RFB
Released for Construction..... RFC
No Exceptions Noted ..... NEX
Exceptions Noted..... EXC
Not Approved..... NA
Erection Use Only.....E
Other:

	TYPE		TYPE
1. Jack Stone	X	11.	
2. Randall Rose	X	12.	
3. Phil Knox	X	13.	
4. Terry Tubbs	X	14.	
5. Jill Van Dalen	X	15.	
6. Barbara McBride	X	16.	
7. Patt Meisler	X	17.	
8.	X	18.	
9.	X	19.	
10.	X	20.	

LECEF-T-002857

Los Esteros Critical Energy Center
800 Thomas Foon Chew Way
San Jose, CA 95134
Tel. (408) 635-1328 Fax (408) 635-1336

Date: 9/10/2012	**Transmittal No:** LECEF-T-002857
To: California Energy Commission Siting, Transmission and Environment Protection, Compliance Division, MS2000 1516 Ninth Street Sacramento, CA 95814	
From: Trinnique Low, Document Control	**Attn:** Christine Stora, Compliance Project Manager
Requested by: Rod Jones, LECEF	**Reference:** LECEF Phase 2 Monthly Compliance Report #15 August

DOCUMENT TRANSMITTAL

Please check the attachments to this transmittal against the listing noted below.
Report any discrepancies immediately to Calpine (408) 635-1328.

Received by _____ Date _____

TYPE CODE

Original..... O
Copy..... C
Transmittal Only.....X
Electronic..... E
Posted to FTP Site....FTP
SharePoint.....SP

STATUS CODE

For Information..... FI
For Review and Comment..... FR
For Approval.....FA
Released for Bid.....RFB
Released for Construction..... RFC
No Exceptions Noted ..... NEX
Exceptions Noted..... EXC
Not Approved..... NA
Erection Use Only.....E
Other:

	TYPE		TYPE
1. Jack Stone	X	11.	
2. Randall Rose	X	12.	
3. Phil Knox	X	13.	
4. Terry Tubbs	X	14.	
5. Jill Van Dalen	X	15.	
6. Barbara McBride	X	16.	
7. Patt Meisler	X	17.	
8.	X	18.	
9.	X	19.	
10.	X	20.	